我们的创新,助力您的成功! Our Innovation, Your Success.

珠海冀百康生物科技有限公司

Zhuhai Gene-Biocon Biological Technology Co., Ltd.

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@冀百康生物 / @Gene-Biocon

门冬胰岛素・重组羧肽酶B・重组肠激酶・重组Kex2蛋白酶・TrypRE select(1×)・专利棕榈酰四肽-7・98%二裂酵母发酵产物溶胞物・专利油溶多肽・司美格鲁肽中间体P29肽・重组胰蛋白酶・重组赖氨酰内切酶・德谷胰岛素 Insulin Aspart · Recombinant Carboxypeptidase B · Recombinant Enterokinase · Recombinant Kex2 Protease · TrypRE select (1×) · Patented Safe Oil-soluble Products · Semaglutide Intermediate P29 · Recombinant Trypsin · rLys-C · Insulin Degludec

HIGHLY ACTIVE

高活性生物原料制造商 BIOLOGICAL RAW MATERIAL MANUFACTURER



珠海冀百康生物科技有限公司成立于2015年,拥有合成生物学创新技术,专注于 "高活性生物原料"与"高端生物制药"两大核心领域。产品主要应用在抗 体、疫苗、蛋白类、核酸类药物的生产以及细胞培养、人造肉、化妆品和医美 行业。

企业介绍

研检一体

产品布局

明星产品

HOT PRODUCT

定制服务

ODM/CDMO SERVICES

PRODUCT LAYOUT

R&D\Quality Inspection

PROFILE

01~03

05~06

07~20

 $21 \sim 22$

冀百康生物建立了功能全面的质检中心和完善的质量管理体系,拥有国际标准 规范的GMP生产车间,为客户精准提供全面解决方案及ODM/CDMO服务。

Zhuhai Gene-Biocon Biotechnology Co., Ltd. was established in 2015 and is focused on innovative synthetic biology technology. The company specializes in two core areas: "highly active biological raw materials" and "high-level biopharmaceuticals." Its products are primarily used in the production of vaccines, antibodies, proteins, and nucleic acid drugs, as well as in the fields of cell culture, cultured meat, cosmetics, and medical aesthetics. Gene-Biocon has established a comprehensive quality inspection center along with a complete quality management system. It operates an international standard GMP production workshop, allowing the company to provide customers with thorough solutions, including ODM and CDMO services.

高效表达基因工程技术平台 High-expression genetic engineering technology platform

高密度生物发酵技术平台 High-density biological fermentation technology platform

高活性蛋白工具酶技术平台 High-activity protein tool enzyme technology platform

高性能核酸药物工具酶技术平台 High-performance nucleic acid drug tool enzyme technology platform

透皮吸收纳米技术平台 Transdermal absorption nanotechnology platform



Authoritative certification is granted based on strict standards and requirements.

将技术创新作为不断前进的动力之一,截至 2025年1月,冀百康生物的技术团队目前已拥有**16项**国家发明专利及实用新 型专利授权

As an innovation-driven enterprise, the R&D team of Gene-Biocon has obtained 16 national invention patents and utility model patents as of Jan. 2025.



高活性生物原料制造商 Manufacturer of highly active biological raw materials

Five Technology

五大技术平台



权威的认证源于严谨的要求



























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> 高密度微生物发酵实验室 AutoF Lab

> 定点特异生物修饰实验室 BioMod Lab

▶ 多肽合成实验室 PepSyn Lab

品质优先 Quality First



▶ 分析检测中心 Analytical Testing Center



> 细胞检测室 Cell Testing





产品布局 PRODUCT LAYOUT

生物药中间体

Biopharmaceutical Inermediates

德谷胰岛素 Insulin Degludec

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司美格鲁中间体29肽 Semaglutide Intermediate P29 (GLP-1(9-37))

基因工程酶 Genetically engineered enzymes

重组胰蛋白酶(细胞培养级&药典级&1:250)

Recombinant Trypsin (Cell Culture Grade & Pharmacopoeia Grade&1:250)

> 重组热稳定胰蛋白酶 Recombinant Heat-stable Trypsin

TrypRE select(1×)

重组赖氨酰内切酶 (质谱级&生化级) Recombinant Lysyl Endopeptidase (M.S. Grade & Biochemical Grade)

> 重组羧肽酶B Recombinant Carboxypeptidase B

> > 重组肠激酶 Recombinant Enterokinase

重组Kex2蛋白酶 Recombinant Kex2 Protease

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<u>細胞培养及人造肉</u> Cell Culture and Culture Meats

rhBFGF Recombinant Human Basic Fibroblast Growth Factor

rhEGF Recombinant Human Epidermal Growth Factor

rhlGF-1 Recombinant Human Insulin-like Growth Factor

05

高活性生物原料

Highly Active Biological Raw Materials

.............

Health & Biotech

生物原料 Bio-Pharma raw material

定制加工及委托服务

ODM/CDMO

*以上生物原料仅供科研和工业生产使用,不能用于人体

化妆品原料

Cosmetic Raw Materials

• 定制化委托生产服务 Customized Service

工程菌构建类服务 Engineering Bacteria Construction Service

药物工艺开发类服务 Medicine Development Service

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重组蛋白类定制 Recombinant Protein Custom Production

美肌配方类定制 Cosmetic Raw Materials Custom Production 高活性生物原料制造商 Manufacturer of highly active biological raw materials

专利蛋白类 Patented proteins

重组人小分子胶原蛋白 Recombinant Humanized Small-molecule Collagen

重组人源胶原蛋白 Recombinant Humanized Collagen

重组人超氧化物歧化酶 Recombinant Human Superoxide Dismutase (rhSOD)

专利油溶多肽类

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Patented Oil-soluble Polypeptide

油溶重组人小分子胶原蛋白 Oil-soluble Recombinant Humanized Small-molecule Collagen

透明油溶S-玻色因 Oil-Soluble S-Pro-Xylane

油溶逆时光肽 Oil-soluble WrinkleAway Peptide

油溶即时祛皱肽 Oil-soluble Instant Anti-Wrinkle Peptide

油溶棕榈酰三肽-1 Oil-soluble Palmitoyl Tripeptide-1

油溶棕榈酰四肽-7 Oil-soluble Palmitoyl Tetrapeptide-7

油溶铜肽 Oil-soluble Copper Tripeptide-1

油溶舒敏复颜肽 Oil-soluble Antiflamin

油溶九肽-1 Oil Nanopeptide-1

酵母发酵类 Yeast Fermentation Series

大米发酵产物滤液 Rice Fermentation Product Filtrate AE500

98% Bifida Ferment Lysate

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CAS: 844439-96-9

简介 Introduction

德谷胰岛素是一种**超长效胰岛素类似物,作用时间长达42小时。**既往研究显示其具 有超长效降糖效果,且能减少低血糖风险。在美国糖尿病学会(ADA)2011年会 中,多项德谷胰岛素的新近研究结果发布,进一步探索了其从分子结构到降糖作用 的特点,显示出皮下注射后呈多六聚体构型的德谷胰岛素,具有平稳的药代动力学 特点,可持久、平稳、长期降糖,低血糖风险小。

Insulin Degludec is an ultra-long-acting insulin analogue. Previous studies have demonstrated its ultra-long-acting hypoglycemic effects and its ability to reduce the risk of hypoglycemia. During the American Diabetes Association (ADA) annual meeting in 2011, several recent research findings regarding Insulin Degludec were presented. These studies explored its characteristics, ranging from its molecular structure to its hypoglycemic effects, and indicated that it forms a polyhexamer configuration after subcutaneous injection. Insulin Degludec exhibits stable pharmacokinetic properties, allowing for sustained, stable, and long-term blood sugar reduction with a minimal risk of hypoglycemia.



自主研发第四代胰岛素——德谷胰岛素注射液已顺利完成I期临床试验

目前III期临床测试正在进行中.....

Insulin Degludec Injection, a fourth-generation insulin, was developed by Gene-Biocon. It has successfully completed Phase I clinical trials, and Phase III clinical trials are currently in progress.

> 药物临床试验批准通知书 受理号: CXSL2101500 通知书编号: 2022LP00330 珠海冀百康生物科技有限公司: 根据《中华人民共和国药品管理法》及有关规定,经审 查,2021年12月20日受理的德谷胰岛素注射液符合药品注 册的有关要求,同意本品开展2型糖尿病的临床试验。

国家药品监督管理局



参数 Datas

项目 ltem

性状 Appearances

含量 Content

内毒素 Endotoxins

宿主蛋白残留 Host protein residues

外源性DNA残留 Exogenous DNA residue

高分子蛋白质 High molecular weight protein

纯度 Purity

指标 Parameters

白色或类白色冻干粉 White or off-white powder

95.0%~105.0%

< 10 EU/mg

不得过 10ng/mg Not more than 10ng/mg

不得过 10ng/1 剂量 Do not exceed 10ng/1 dose

> 不得过 0.4% Not more than 0.4%

> > ≥99.0%

*仅供科研和工业生产使用,不能用于人体



司美格鲁肽中间体29肽

Semaglutide Intermediate P29 (GLP-1(9-37))

CAS: 1169630-82-3

司美格鲁肽中间体29肽采用基因工程发酵方式生产,生产过程 在GMP条件进行,产品纯度高。本品为大肠杆菌重组表达的司 美格鲁肽前体,经酶切、层析纯化、冷冻干燥得到的冻干粉。

Semaglutide intermediate P29 (GLP-1(9-37)) is produced through genetic engineering fermentation. The production process follows Good Manufacturing Practices (GMP) standards, ensuring high product purity. This product is a lyophilized powder obtained through enzyme cleavage, chromatography purification, and freeze-drying of the Semaglutide precursor expressed by E. coli.



・用于生产司美格鲁肽 Utilized in the production and development of GLP-1 drugs.





司美格鲁肽是超长效GLP-1类似物。是通过基因重组技术,利用 生物发酵产生肽链的人胰高血糖素样肽-1类似物,通过介导 GLP-1受体,以葡萄糖依赖的方式,刺激胰岛素分泌,用于 II 型 糖尿病成人患者的血糖控制。

Semaglutide is an ultra-long-acting GLP-1 analog, which is a human glucagon-like peptide-1 analog produced through genetic recombination technology and biological fermentation. It acts on GLP-1 receptors and stimulates insulin secretion in a glucose-dependent manner. Semaglutide helps control blood sugar levels in adult patients with type 2 diabetes.

应用 Usage

·用于治疗II型糖尿病 Used to treat type II diabetes ・用于减肥 Lose weight

For research and industrial productionuse only. CAUTION: Not for human or animal therapeutic or diagnostic use.

高活性生物原料制造商 Manufacturer of highly active biological raw materials



高纯度

High purity



国际标准 World-Class Standard



质量管控 Quality



无动物源 Animal-Free

参数 Datas

项目

Item

性状

来源

含量

Content

Content

Appearances

纯度(HPLC)

Purity (HPLC)

指标 Parameters

白色或类白色冻干粉 White or off-white powder

> 大肠杆菌 E. coli

应≥95.0% Should be ≥95.0%

按干燥品计算,含司美格鲁肽中 间体 29 肽应≥90.0% On a dry basis, the content of the Semaglutide intermediate P29 should be ≥90.0%.

≥98%

高纯度 High purity

参数 Datas

项目

ltem

性状

含量



国际标准 World-Class Standard



质量管控 Quality



无动物源 Animal-Free

指标 Parameters

白色或类白色冻干粉 White or off-white powder

95.0%~105.0%

< 10 EU/mg

不得过 10ng/mg Not more than 10ng/mg

不得过 10ng/1 剂量 Do not exceed 10ng/1 dose

> 不得过 0.3% Not more than 0.3%

> > ≥98.0%

Content 内毒素

Appearances

Endotoxins

宿主蛋白残留 Host protein residues

外源性DNA残留 Exogenous DNA residue

高分子蛋白质 High molecular weight protein

纯度 Purity



重组胰蛋白酶(细胞培养级、药典级、1:250)

Recombinant Trypsin(Cell Culture Grade & Pharmacopoeia Grade&1:250)



重组热稳定胰蛋白酶 / TrypRE select(1×) Recombinant Heat-stable Trypsin / TrypRE select(1×)

CAS: 9002-07-7

冀百康的重组胰蛋白酶是从重组毕赤酵母中分离纯化得到的,属于生物化学级别的基因工程酶,不含DFP、PMSF和TLCK等酶抑制剂, 具有与天然胰蛋白酶相同的活性和特异性。其活性受丝氨酸蛋白酶抑制剂如PMSF和TLCK等、金属离子螯合剂如EDTA等的抑制。 Recombinant Trypsin from Gene-Biocon is isolated and purified from the Recombinant Pichia Pastoris. It does not contain enzyme inhibitors such as DFP, PMSF, or TLCK. However, its activity can be inhibited by serine protease inhibitors like PMSF and TLCK and metal ion chelators such as EDTA.

	於优势 Features		
	重组酵母表达产 Produced by <i>Pichia Pasi</i>	toris Anim	源,无杂酶 nal-Free, neous enzymes
	👔 参数 Datas		
	项目 Item	细胞培养级 Cell Culture Grade	药典级 Pharmacopoeia Grade
	性状 Appearances	白色或类白色冻干粉 White or off-white powder	白色或类白色冻干粉 White or off-white powder
	纯度(SDS-PAGE) SDS-PAGE	≥95%	≥95%
	纯度(HPLC) HPLC Purity	α-胰蛋白酶不得大于20% β-胰蛋白酶不得小于70% ^{α-Trypsin should NMT 20%} β-Trypsin should NLT 70%	α-胰蛋白酶不得大于20% β-胰蛋白酶不得小于70% ^{α-Trypsin should NMT 20%} β-Trypsin should NLT 70%
	酶比活性 Enzyme specific activity	≥3800USP unit/mg pro.	≥3800USP unit/mg pro.
	酶活性 Enzyme activity		
	蛋白含量 Protein content		40%~70%
	<mark>外源 DNA 残留量</mark> Residue DNA	≤100ng/mg pro.	≤100ng/mg pro.
	菌体蛋白残留量 Residue HCP	≤100ng/mg pro.	≤100ng/mg pro.
	最佳 pH Optimum pH	7.0~9.0	7.0~9.0









For research and industrial productionuse only. CAUTION: Not for human or animal therapeutic or diagnostic use.

・蛋白药物(如: 胰岛素、GLP-1药物)的生产 Applied to the production of protein drugs, like Insulin and GLP-1



重组赖氨酰内切酶(质谱级&生化级)

Recombinant Lysyl Endopeptidase (M.S. Grade & Biochemical Grade)

CAS: 72561-05-8

本品是从重组大肠杆菌中分离纯化,经冷冻干燥得到的重组赖氨酰内 切酶粉末。本品属于生物化学级别的基因工程酶,不含DFP、PMSF和 TLCK等酶抑制剂,具有与天然赖氨酰内切酶相同的活力和特异性。

This product is a Recombinant Lysyl Endonuclease powder isolated and purified from Recombinant E. coli through a freeze-drying process. It is a biochemically grade genetically engineered enzyme containing no enzyme inhibitors such as DFP, PMSF, or TLCK. It exhibits the same activity and specificity as a natural lysyl endonuclease.



单一主条带 (SDS-PAGE) Single major band (SDS-PAGE)

更高纯度 Higher purity

·可用于蛋白质分析 Can be used for protein analysis

·比活性≥3.0AU/mg pro. Specific activity ≥3.0AU/mg pro.

赵活性测试 Specific activity test

超高比活性,SDS-PAGE电泳,单 一主条带

Ultra-high specific activity, SDS-PAGE electrophoresis, single main band





For research and industrial productionuse only. CAUTION: Not for human or animal therapeutic or diagnostic use.

	高活性生物原料制造商	
anufacturer of highly	active biological raw materials	

8 应用 Usage ·用于生物药物生产 For bio-pharmaceutical production

·用于抗体质量检测 For antibody quality testing

8 应用 Usage ·可用于蛋白药物生产(如:胰岛素、GLP-1药物) Applied to the production of protein drugs, like Insulin and GLP-1



重组人碱性成纤维细胞生长因子

Recombinant Human Basic Fibroblast Growth Factor

一种适用于细胞培养、创伤修复药品的生产等应用的生物活性蛋白质。bFGF 可调节细胞增殖、分化、存活、粘附、运动、凋 亡、肢体形成和伤口愈合等多种过程。bFGF可用于成纤维细胞有丝分裂、PC-12 细胞的轴突生长、受体结合以及酪氨酸磷酸化 研究。

本品系重组大肠杆菌表达、经多步分离纯化,再经冷冻干燥而制成的冻干粉。 Recombinant Human Basic Fibroblast Growth Factor (rh-bFGF) is a bioactive protein suitable for cell culture and the production of wound repair drugs. It can regulate multiple processes, such as cell proliferation, differentiation, survival, adhesion, motility, apoptosis, limb formation, and wound healing. Also, rhbFGF can be used in fibroblast mitosis, axon growth in PC-12 cells, receptor binding, and tyrosine phosphorylation. This product is a lyophilized powder prepared by recombinant *E. coli* expression, which is then separated and purified through multiple steps before being freeze-dried.

必应用 Usage

- ・1mg蛋白的生物活性达到≥1.0x10⁷U/mg The bioloigcial activity of 1 mg of protein reaches $\geq 1.0 \times 10^7 \text{U/mg}$
- ・可用于细胞培养肉 Used in cell cultured meat

重组牛碱性成纤维细胞生长因子

Recombinant Bovine Basic Fibroblast Growth Factor

重组牛碱性成纤维细胞生长因子(rb-bFGF)是一种生长因子,是一种具有一定氨基酸序列的多肽。碱性成纤维细胞生长因子具 有很强的刺激细胞增殖、分化和迁移的能力。采用重组技术生产该因子,可以实现大规模生产。 本品由重组大肠杆菌表达,经多部分离纯化,再冷冻干燥而制成的冻干粉

Recombinant bovine basic fibroblast growth factor (rb-bFGF) is a growth factor. It is a polypeptide with a certain amino acid sequence. Basic fibroblast growth factor has a strong ability to stimulate cell proliferation, differentiation, and migration. Recombinant technology is used to produce this factor in a way that can achieve large-scale production. This product is a lyophilized powder prepared by recombinant E. coli expression, which is then separated and purified through multiple steps before being freeze-dried.



・1mg蛋白的生物活性达到≥1.0x10⁷U/mg

The bioloigcial activity of 1 mg of protein reaches $\geq 1.0 \times 10^7 \text{U/mg}$



CAS: 62031-54-3

- ・用于配置无血清培养基、细胞培养 Used for prepareing serum-free culture mediaand cell culture
- ·创伤修复药品的生产 Trauma repair drugs production

CAS: 62031-54-3

・用于配置无血清培养基、细胞培养 Used for prepareing serum-free culture mediaand cell culture

重组人表皮细胞生长因子

Recombinant Human Epidermal Growth Factor

重组人表皮生长因子(rh-EGF)是一种通过重组DNA技术产生的蛋白质。EGF可以与表皮和上皮细胞表面的特定受体结合。 这种结合激活了一系列导致细胞增殖的细胞内信号通路。它在表皮和粘膜上皮的生长和更新中起着至关重要的作用。

Recombinant Human Epidermal Growth Factor(rh-EGF) is a protein produced through Recombinant DNA technology. EGF can bind to its specific receptors on the cell surface of epidermal and epithelial cells. This binding activates a series of intracellular signaling pathways that lead to cell proliferation. It plays a crucial role in the growth and renewal of the epidermis and mucosal epithelium.



- ・1mg蛋白的生物活性达到≥5.0x10⁶U/mg The bioloigcial activity of 1 mg of protein reaches ≥5.0x10⁶U/mg
- ・可用于医疗器械 Used in medical devices

重组人胰岛素样生长因子

Recombinant Human Insulin-like Growth Factor

重组人胰岛素样生长因子-1是一种结构类似于胰岛素的蛋白质分子,在促进多种细胞的生长和分化方面起着至关重要的作 用。它作用于各种细胞类型,包括肌肉细胞、骨细胞和神经细胞,同时还具有与胰岛素类似的合成代谢,促进葡萄糖和氨基 酸进入细胞并增强蛋白质合成,这有助于肌肉建设和整体组织生长。此外,它还可以在一定程度上调节脂质代谢。

Recombinant Human insulin-like growth factor-1 is a protein molecule that is structurally similar to insulin. The rhiGF - 1 plays a crucial role in promoting the growth and differentiation of a wide range of cells. It acts on various cell types, including muscle cells, bone cells, and nerve cells. It also has an anabolic effect, similar to insulin. It promotes the uptake of glucose and amino acids into cells and enhances protein synthesis. This helps in muscle building and overall tissue growth. In addition, it can also regulate lipid metabolism to some extent.



・1mg蛋白的生物活性达到≥1.0x10⁵U/mg The bioloigcial activity of 1 mg of protein reaches ≥1.0x10⁵U/mg

For research and industrial productionuse only. CAUTION: Not for human or animal therapeutic or diagnostic use.

高活性生物原料制造商 Manufacturer of highly active biological raw materic

CAS: 62253-63-8

・用于配置无血清培养基、细胞培养 Used for prepareing serum-free culture mediaand cell culture

CAS: 67763-96-6

·可用于细胞培养、增强细胞繁殖、细胞生长和细胞分化 Used in cell culture to enhance cell proliferation, cell growth and cell differentiation



重组人小分子胶原蛋白

Recombinant Humanized Small-molecule Collagen

简介 Introduction

GENE-BIOCON重组人小分子胶原蛋白是业界**率先提出小分子概念**的重组人胶原蛋白, 该创新产品利用基因重组技术生产人类III型胶原蛋白片段,无副作用、无排异风险、无 病毒风险、低免疫原性,是更安全的选择。 此外,实验测试表明,重组人小分子胶原蛋白在40°C下保存长达三个月仍保持稳定。 这种多功能胶原蛋白可应用于皮肤护理和无菌无添加化妆品(可灭菌)等各个领域。

GENE-BIOCON's recombinant humanized small-molecule collagen is the first specialized small-molecule collagen in the industry. This innovative product utilizes genetic recombination technology to produce human type III collagen fragments. It is designed to have no side effects, no risk of rejection, no viral risks, and low immunogenicity, making it a safer option for use. Furthermore, experimental tests have demonstrated that the recombinant human micro-molecule collagen remains stable when stored at 40°C for up to three months. This versatile collagen can be applied in various fields, including skin care, and sterile, additive-free cosmetics (which are sterilizable).



油溶重组人小分子胶原蛋白

Oil-soluble Recombinant Humanized Small-molecule Collagen

简介 Introduction

首款上市的油溶性重组人小分子胶原蛋白原料,由5个分子组成,分子量从 500到5000Da。该配方具有**易吸收、活性高**的优势,有效解决了胶原蛋白常 见的吸收困难、生物活性低等问题。该产品拥有**双专利**,经过20多项功效测 试,包括人体和细胞水平的评估。我们利用基因工程重组技术,在GMP标准 化环境中通过精确的制药生产工艺创造出这种独特有效的原料。该工艺确保 了其在皮肤修复、舒缓、抗衰老和美白方面的功效。它具有**来源可靠、生产** 工艺科学、成分安全、功效明确等特点。

The first launched oil-soluble Recombinant Human Small-molecule Collagen raw material, composed of five molecules with a molecular weight ranging from 500 to 5000 Da. This formulation offers the advantages of easy absorption and high activity, effectively addressing common challenges associated with collagen—specifically, difficulties in absorption and low bioactivity. This product is backed by double patents and has undergone over 20 efficacy tests, including evaluations at both the human and cellular levels.

Using genetic engineering recombinant technology, we have created this unique and effective raw material through a precise pharmaceutical production process in a GMP-standardized environment. This process ensures its efficacy in skin repair, soothing, anti-aging, and whitening. It boasts a reliable source, a scientifically validated production process, safe ingredients, and clearly defined benefits.



500~5000Da,**五重分子量组合**,全肌理层透皮吸收 500~5000Da. Five molecular weight combinations, transdermal absorption through the entire skin texture layer

焕活修护力,再现健康肌肤光泽 Revitalizes repair power and restores healthy skin radiance



L. 一种小分子胶原蛋白组合物及其制备方法和应用 NO.: ZL202211290782.8 A small molecule collagen composition and a preparation method and application thereo

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NO.: ZL202211290782.8 A small molecule collagen composition and a preparation method and application thereof

...一种稳定的油溶多肽组合物及其制备方法和应用 NO.: ZL201910584254.5 A stable oil-soluble polypeptide composition and its preparation and application

深层养护,**24小时不间断吸收**,持久修护受损肌肤

Deep maintenance, 24-hour non-stop absorption, long-lasting repair of damaged skin



·使用重组人小分子胶原蛋白样品28天后,色斑面积占比降低 11.07% After using rh small-molecule Collagen sample for 28 days, the proportion of facial spots decreased by 11.07%.

·使用重组人小分子胶原蛋白样品28天后,皮肤经表皮水分流失率降低 25.09% After using rh small-molecule Collagen sample for 28 days, the transepidermal water loss rate of the skin was reduced by 25.09%.











The permeation efficiency of oil-soluble solvent (taking Gebiotide®SYN as an example) is twice that of water-soluble after 4 hours and it is 5 time after 10 hours. The permeability of the former is 10 times higher than that of the later at 24 hours.

Oil-soluble polypeptide (taking oil-soluble palmitoyl tetrapeptide-7 as an example) can be specially formulated or in canning process at 90°C.

Yeast Fermentation Series **韓田友韓**美

98%二裂酵母发酵产物溶胞物 98% Bifida Ferment Lysate

冀百康生物自主研发生产的高浓度98%二裂酵母发酵产物溶胞物,是经双歧杆菌培养、灭活及分解得到的代谢产物等组分及多 糖复合体。具有很强的抗免疫抑制活性,并能促进 DNA 修复,可有效保护皮肤,不受紫外线引起的损伤,用于乳化、水基及水 醇体系的护肤、防晒及晒后护理产品,帮助预防表皮及真皮的光老化。

The 98% bifid yeast fermentation independently developed and produced by Gene-Biocon is a metabolite and other components and polysaccharide complexes obtained through the cultivation, inactivation and decomposition of bifidobacteria. It has strong antiimmunosuppressive activity and can promote DNA repair, which can effectively protect the skin from damage caused by ultraviolet rays. It is used in emulsified, water-based and water-alcoholic skin-care, sunscreen and for-sun care products to help prevent epidermis and photoaging of the dermis.



· 使用含0.5%浓度的98%二裂酵母发酵产物溶胞物即有明显舒缓功效 The use of 98% Bifida Ferment Lysate at 0.5% concentration has obvious soothing effects.

大米发酵产物滤液

Rice Fermentation Product Filtrate AE500

Gebiotide生物发酵产物系列中的大米发酵产物滤液(AE500),本身含有多种有效成分及在发酵过程中合成的活性物质,营养丰 富,且安全性高。长期使用具有防晒、祛斑、减少粉刺、防止皮肤老化等功效,起到滋养皮肤、减少皱纹等护肤作用。 可添加到各类抗氧化,减少皱纹的产品中,如精华液、水、乳、化妆品等。

Gebiotide rice fermentation product filtrate (AE500) contains a variety of active ingredients and substances that are synthesized during the fermentation process. It is rich in nutrients and highly secure. Long-term use can provide benefits such as sun protection, freckle removal, acne reduction, and prevention of skin aging. Additionally, it offers skin care effects by nourishing the skin and reducing wrinkles. This product can be added to various anti-oxidation and wrinkle-reducing formulations, including essences, toners, creams, cosmetics, and more.



☑ 功效测试 — 淡化细纹 Test - Transdermal Permeability



·使用含5%AE500的精华液,测试8周效果,眼部肌肤的弹性明显提升,达到20% Use seminal fluid containing 5% of Gebiotide Rice Fermentation Product Filtrate AE500; After testing the effect for 8 weeks, the elasticity of eyes skin was significantly improved by 20%.

Bifida Ferment Lysate can effectively inhibit the release of CGRP from neuronal cells (nerve terminals) and soothe the skin.





