



Glass Bottles 99% Purity Human Growth Peptides ACE-031

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: Hongbaiyi
- Certification: COA, HPLC MR
- Model Number: HBY-ACE-031
- Minimum Order Quantity: 5box
- Price: Negotiation
- Packaging Details: 1mg/vial, 10vials/box
- Delivery Time: 3-5 work days after your payment
- Payment Terms: , Western Union, T/T
- Supply Ability: 3000kg/Month



Product Specification

- Product Name: ACE-031
- Alias: ACVR2B
- Specification: 1mg/vial
- Appearance: White Powder
- Product Purity: >99%
- Shelf Life: 2 Years
- Highlight: Glass bottles for ACE-031 peptides, 99% purity human growth peptides, ACE-031 peptides with glass bottles



More Images



Product Description

Glass Bottles 99% Purity Human Growth Hormone Peptide ACE-031



Basic Information Form of ACE 031

Product Name	ACE 031
Alias	ACVR2B
Aspect	White Powder
Product Purity	>99%
Specifications	1mg/vial, 10vials/box
Stability	2 years

Product Description Of ACE 031

ACE-031 peptide, also known as ACVR2B (activin receptor type IIB) peptide, is a fusion compound consisting of the activin receptor called type IIB and recombinant immunoglobulin IgG1 FC, which is a form of human antibody (2).

This peptide is of soluble kind, and it's known to easily bind with myostatin protein to prevent its inhibitory effects on muscle growth. Besides this, the peptide also shows positive effects on the metabolism activities, fat storage and sperm health.

Muscle development, followed by its growth and thereby regeneration, all processes take place throughout the course of human life. These are vital functions of the body which occur right from embryogenic, followed by fetal, and then adult life.

Early discovery in 1997 (1) showed that a protein, named Myostatin, is produced endogenously by the myocyte cells which act on muscle cells and then inhibit their growth. Studies (1) showed that mice in which these proteins were absent had twice the amount of muscle growth. In order to prevent muscle growth inhibition, it was crucial to understand how Myostatin works, and then reverse, if not prevent, its mechanism.

This is where the peptide ACE-031 comes into play. This peptide aims to disrupt the working of Myostatin protein and promote muscle growth in individuals in whom muscle development is scarce.

Historical Background

As previously mentioned, the endogenous myostatin protein was first discovered in 1997 where its inhibitory effects on muscle growth also became known due to the comparative studies in mice.

This peptide is the engineered (or synthetic) version of the naturally occurring ACV2RB receptors. Once synthesized, the peptide was developed by Acceleron Pharma, exclusively for the treatment of Duchenne Muscular Dystrophy (DMD). Clinical trials conducted so far have scientifically affirmed that the peptide can be safely administered in the human body. This will be described in detail in the article below.

Peptide Mechanism of Action

In layman terms, we can say that muscle growth is regulated in the body via proteins which function as 'on' and 'off' switches. The compound works by preventing the 'off' switch and inhibits the 'off' signal from being circulated in the body.

ACE-031 peptide binds with the myostatin protein and neutralizes its effects. Consequently, it turns off the 'off' signal and promotes muscle production. The peptide helps to build up the muscle mass and improve muscle strength.

Product Image of ACE 031



Package and Shipping of ACE 031

Package: 1mg/vial, 10vials/box

Shipping: With 3-5 days after your payment



FAQ of ACE 031

Q1: Do you Accept Sample Order?

A: Yes. The smallest order we accept is one box.

Q2: Do you accept VISA business credit card?

A: Yes. VISA business credit card is in our payment.

Q3: How long does it take to me if I order?

A: About 3-5 days upon receipt of payment.

Q4: Is there any discount?

A: Yes, if you want to purchase larger quantity, we can offer a better price for you.

Q5: What kind of transportation do you have?

A: We have many ways of transportations, eg: Air, Sea, Special Lines, TNT, FEDEX, EMS, ect.



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