



99% Purity Customized TB 500 Peptide Thymosin Beta-4 For Muscle Building 2mg/Vial

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: Hongbaiyi
- Certification: COA, HPLC MR
- Model Number: HBY-TB 500 Peptide
- Minimum Order Quantity: 5 box
- Price: US \$ 40-45/ Box
- Packaging Details: 2mg/vial, 10vials/Box
- Delivery Time: 3~5 days, upon receipt of payment
- Payment Terms: T/T, Western Union, MoneyGram
- Supply Ability: 5000 boxes per month



Product Specification

- Product Name: TB 500
- CAS No: 77591-33-4
- Appearance: White Lyophilized Powder
- Molecular Formula: C212H350N56O78S
- Molecular Weight: 4963.44
- Storage: Keep In Dark Place, Inert Atmosphere, Store In Freez
- MOQ: 5 Box
- Highlight: **Muscle Building Thymosin Beta-4, Thymosin Beta-4 Peptide, Customized TB 500 Peptide**



More Images



Product Description

TB-500 99% Purity Customized Peptides Thymosin Beta-4 for Muscle Building 2mg/Vial

Product Details of TB 500 :

Product Name	TB 500
Appearance	White powder
Specification	2mg/vial, 10vials/Box
Purity	99%
Test	HPLC
CAS	77591-33-4
MF	C212H350N56O78S
Storage	Keep in Dark Place, Inert Atmosphere, Store in Freez

Description Of Tb500

TB-500 is a synthetic fraction of the protein thymosin beta-4, which is present in virtually all human and animal cells. The main purpose of this peptide is to promote healing. It also promotes creation of new blood and muscle cells. The healing effects of TB-500 have been observed in tendons, ligaments, muscle, skin, heart, and the eyes. Thymosin beta-4 is naturally produced in higher concentration where tissue has been damaged. This peptide is also a very potent anti-inflammatory agent.

TB-500 is typically provided as lyophilized (freeze-dried) powder in vials of 2.0 mg. A convenient amount of sterile or bacteriostatic water will be added, such as 1.0 mL. In the most common dosing protocol, the entire vial is taken at one time. If taking the entire vial, the entire amount will be drawn into a syringe, typically an insulin syringe, and injected. Injection may be subcutaneous, intramuscular, or intravenous,

Studies demonstrate that TB-500 is a potent, naturally occurring wound repair factor with anti-inflammatory properties. TB4 is different from other repair factors, such as growth factors, in that it promotes endothelial and keratinocyte migration. It also does not bind to the extracellular matrix and has a very low molecular weight meaning it can travel relatively long distances through tissues. One of TB-500 key mechanisms of action is its ability to regulate the cell-building protein, Actin, a vital component of cell structure and movement. Of the thousands of proteins present in cells, actin represents up to 10% of the total proteins which therefore plays a major role in the genetic makeup of the cell.

Product Photos Of TB 500



Applications Of TB 500:

TB-500 is a peptide which can be quite beneficial for healing of injuries, both acute and chronic, and for treatment of tendinitis. It can also improve flexibility where this has been impaired by injury, and in some cases has partially regrown lost hair. The ordinary course of treatment is 2.0 or 2.5 mg taken by injection twice per week for 4-6 weeks, followed by monthly or twice-monthly injection of 2.0 or 2.5 mg as needed.

TB-500 was identified as a gene that was up-regulated four-to-six fold during early blood vessel formation and found to promote the growth of new blood cells from the existing vessels. This peptide is present in wound fluid and when administered subcutaneously, it promotes wound healing, muscle building and speeds up recovery time of muscles fibres and their cells.

An additional key factor of TB-500 is that it promotes cell migration through a specific interaction with actin in the cell cytoskeleton. It has been

demonstrated that a central small amino acid long-actin binding domain has both blood cell reproduction and wound healing characteristics. These characteristics are uncovered by accelerating the migration of endothelial cells and keratinocytes. It also increases the production of extracellular matrix-degrading enzymes.

Desirable effects of TB-500

1. differentiation of endothelial cells (blood and lymphatic vessels)
2. growth of new blood cells
3. keratinocyte migration
4. collagen deposition
5. decreases inflammation in various tissue types
6. decreased inflammation in joints
7. increase muscle growth
8. increases in endurance and strength
9. relaxed muscle spasm and improved muscle tone
10. repair damaged heart tissue following a heart attack
11. healing of ulcers and lesions (including stomach and intestinal ulcers)
12. increased exchange of substance between cells
13. overall tissue repair
14. faster healing of wounds
15. repair of tendons and ligaments
16. improved flexibility of joints
17. prevents the formations of adhesions and fibrous bands in muscles, tendons and ligaments
18. promotes hair growth
19. protects and restores neurons after brain injury

FAQ Of TB 500

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: Is there any discount?

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

Q4: How long does it take to me if I order?

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

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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