



## Injectable Injury Recovery Muscle Gaining TB500 Thymosin Beta-4 Acetate 77591-33-4

Our Product Introduction

for more products please visit us on [peptide-powder.com](http://peptide-powder.com)

### Basic Information

- Place of Origin: China
- Brand Name: Hongbaiyi
- Certification: COA, HPLC MR
- Model Number: HBY-TB 500
- Minimum Order Quantity: 5 box
- Price: US \$ 38-45/ 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
- Purity: 99%min
- Appearance: White Lyophilized Powder
- Molecular Formula: C<sub>212</sub>H<sub>350</sub>N<sub>56</sub>O<sub>78</sub>S
- Molecular Weight: 4963.44
- Storage: Cool Dry Place



### More Images



## Product Description

### Injectable Injury Recovery Muscle Gaining TB500 Thymosin Beta-4 Acetate 77591-33-4

#### Product Details of Tb500 :

Product Name	TB 500
Appearance	White powder
Specification	2mg/vial, 10vials/Box
Purity	>99%
CAS	77591-33-4
MF	C212H350N56O78S
MW	4963.44

#### Description Of Tb500

1. 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.
2. 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.
3. One of TB-500 key mechanisms of action is its ability to regulate the cell-building protein - Actin. Of the thousands of proteins present within human cells, actin represents roughly 10% of the total. It is thus a vital component of cell structure and movement.
4. Thymosin Beta-4 is a protein which consists of 43 amino acids and is encoded by the gene TMSB4X in the human body. It has been studied in numerous clinical trials. Research has shown that if the thymosin beta-4 peptide is used after a heart attack it can reactivate cardiac progenitor cells to repair damaged heart tissue.
5. Thymosin beta-4 is a very large molecule. In fact, it is so large that it cannot fit entirely into the receptor. Different sections of the molecule have different activities. TB-500 is the part of thymosin beta-4 hormone which promotes the most useful effects. For medical applications it is more practical to use the TB-500 instead of the entire Thymosin Beta-4 protein.

#### Product Photos Of TB 500



#### Applications Of TB-500:

1. TB-500 has been known to promote at least partial regrowth of hair which has been lost to male-pattern baldness, to darken at least a portion of hair which has grayed, and is reported to enhance muscle mass in horses. The latter effect may be due to promoting differentiation of satellite cells.

2. Bodybuilders who have used TB-500 for healing purposes have however generally not reported such an effect. However, it might be that the effect occurred, but was attributed to other causes, or that effect did not occur because TB-500 is generally used only when injured, which tends not to be a time of training for best gains.

3. 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.

4. 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, according to personal preference.

#### **Benefits OF TB 500:**

Increases Red Blood Cells  
Stops bleeding  
Increase Endurance  
Reduces Tie Up  
Helps breathing  
Reduces stomach acid which eliminates ulcers  
Increases lean muscle mass  
Helps repair tendons and ligaments  
Endothelial (blood vessels) cell differentiation (increases red blood cells)  
Angiogenesis (growth of new blood cells from pre-existing vessels) in dermal tissues  
Keratinocyte migration  
Collagen deposition; And  
Decreases inflammation.

#### **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.



**Shaanxi Hongbaiyi Biotech Co., Ltd.**

 18192109180

 [tracy@sxhongbaiyi.com](mailto:tracy@sxhongbaiyi.com)

 [peptide-powder.com](http://peptide-powder.com)

Hengjia Business Building, No.115 Weiyang Road, E&T Development Zone, Xi'an, Shaanxi, China.