



TB-500 10 MG - VIAL

RESEARCH USE PROTOCOL

Reconstitution	Reconstitute by adding 4 mL of bacteriostatic water to the vial
Dosage	5 times per week (Monday–Friday) Draw 20 units (500 mcg)
Time of Day	PM (before bed), preferably on an empty stomach
Injection Type	Subcutaneous (abdomen, thigh, or upper arm)
Product Details	Concentration: 10 mg / 4 mL
Product Duration	One vial will last 1 month of dosing
Program Duration	2 months; cycle 1 week off between each month
Storage	Store refrigerated at 2–8°C (36–46°F). Do not freeze. Protect from light.

WHAT IS TB-500 ?

TB-500 (Thymosin Beta-4 fragment) is a synthetic peptide derived from a naturally occurring protein studied for its role in cellular repair, tissue regeneration, and recovery-related pathways.

It is commonly explored in research related to tissue repair processes, cellular migration, and inflammation-related signaling.

WHAT'S IN THE BOX?



HOW IT WORKS

MECHANISM OF ACTION

TB-500 is studied for its interaction with cellular repair and regeneration pathways:

Supports cellular migration to targeted areas

Associated with angiogenesis (formation of new blood vessels)

Supports tissue repair and regeneration processes

Linked to actin regulation, supporting cellular movement

Associated with inflammatory signaling modulation

These mechanisms are associated with tissue recovery and structural repair processes.

RESEARCH OBSERVATIONS

Studied for tissue repair pathways

Studied for connective tissue support

Studied for recovery from physical stress

Studied for cellular regeneration processes

Studied for inflammation-related signaling





OBSERVED REACTIONS IN RESEARCH SETTINGS

Research observations have noted mild and temporary responses such as localized irritation, redness, or mild fatigue. Responses may vary depending on protocol design and individual variability.

RESEARCH NOTES

In research settings, consistency in protocol design and dosing schedule may influence observed outcomes. Factors such as timing, frequency, and environmental conditions may impact response patterns. Individual variability should be considered when interpreting results.

IMPORTANT CONSIDERATIONS FOR RESEARCH USE

Not intended for human consumption or therapeutic use

Not suitable for use during pregnancy or breastfeeding

Not recommended for individuals with certain medical conditions

Use in research settings may require professional oversight

Not for use alongside medical treatments without supervision

Individual variability may influence observed outcomes