

# TB-500

*Thymosin Beta-4*

Whole-Body Repair & Flexibility

## WHAT IS TB-500?

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TB-500 is a synthetic version of Thymosin Beta-4, a naturally occurring peptide present in virtually every cell in the human body. It plays a critical role in cell migration, tissue regeneration, and the body's inflammatory response. TB-500 has been studied for decades and is especially well-known in athletic recovery and regenerative medicine for its systemic healing capabilities.

## KEY BENEFITS

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- Promotes systemic healing — works body-wide, not just at the injury site
- Increases muscle stamina, endurance, and strength recovery
- Reduces acute and chronic inflammation
- Improves flexibility and reduces muscle stiffness
- Accelerates healing of tendons, ligaments, and skin wounds
- Promotes hair re-growth by stimulating follicle keratinocytes
- Supports heart muscle repair after cardiac injury
- Enhances neurological repair and recovery

## HOW IT WORKS

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TB-500 works by upregulating actin — a protein essential for cell migration, structure, and function. By promoting actin polymerization, it enables cells to move rapidly toward injury sites, dramatically speeding up tissue repair. It also modulates inflammation by reducing pro-inflammatory cytokines while stimulating new blood vessel formation, creating the optimal environment for healing.

## WHY IT'S PAIRED WITH BPC-157

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BPC-157 is a localized healer — powerful at specific injury sites. TB-500 is a systemic mobilizer — it travels throughout the body and recruits healing cells to areas of damage. Together, they create a complete two-pronged repair system: BPC-157 fortifies the target area while TB-500 floods the body with regenerative signals. This combination is known as the 'Wolverine Stack' for good reason.

## FAST FACTS

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| <b>Class</b><br>Regenerative / Systemic Peptide | <b>Origin</b><br>Derived from Thymosin Beta-4 |
| <b>Administration</b><br>Subcutaneous injection | <b>Typical Duration</b><br>3-month protocol   |

## PRICING

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### **TB-500 — 3 Month Supply**

*Part of Body Repair & Wolverine Packages*

**Included**

*Dispensed via Telemedicine | Physician Supervised | Ask Us About Package Pricing*