

KAIA PEPTIDES — PRODUCT SHEET

BPC-157 (5mg) + TB-500 (5mg)

Dual Tissue-Repair Peptide – Recovery, Mobility, Inflammation Balance & Healing Acceleration

What It Is

This blend combines **two of the most researched repair-support peptides**:

- **BPC-157 (5mg)**

Supports tendon, ligament, joint, gut, and soft-tissue recovery. Known for angiogenesis, inflammation modulation, and targeted healing responses.

- **TB-500 (5mg)**

A synthetic fragment of Thymosin Beta-4 studied for accelerated healing, cellular migration, blood-flow enhancement, and systemic recovery across multiple tissues.

Together, they form a **comprehensive repair and regeneration stack** — covering local, systemic, structural, and vascular pathways.

Understanding BPC + TB-500 — A Metaphorical Story

Imagine your body as a massive road network connecting every muscle, tendon, ligament, and joint.

With time, stress, or injury, the roads develop:

- Cracks (microtears)
- Potholes (injury sites)
- Traffic jams (inflammation)
- Blocked routes (poor blood flow)

Most repair crews are slow, inconsistent, or don't arrive where they're needed.

Now picture two elite specialists arriving together — each with a unique role.

• **BPC-157: The Master Road Engineer**

BPC-157 handles **precision repairs** at exact damage sites.

- Fills cracks
- Seals potholes
- Directs targeted repair workers
- Builds new roads when needed (angiogenesis)
- Reduces traffic jams (inflammation)

It works like a GPS-guided repair crew that knows *exactly where the damage is* and fixes it quickly.

• **TB-500: The Highway Expansion Specialist**

TB-500 works **systemically** across the entire network.

- Improves traffic flow (blood circulation)
- Expands highways for better nutrient delivery
- Mobilizes repair workers to travel faster
- Increases the speed of reconstruction
- Helps repair longer pathways and larger areas

While BPC fixes the potholes,

TB-500 improves the entire transportation system.

The Result: A Fully Restored Road System

When both specialists work together:

- Damage repairs faster
- Traffic (inflammation) clears
- Nutrients reach injury sites efficiently
- Movement becomes smoother
- The entire network becomes more resilient

BPC-157 = **local, targeted precision repair**

TB-500 = **system-wide healing momentum & improved circulation**

Together, they create a **powerful dual-repair synergy**.

Primary Research Benefits

(Summarized from published scientific literature)

• Soft Tissue Recovery

- Supports healing of tendons, ligaments, and muscles
- Encourages tissue regeneration
- Improves repair speed in injury models

• Inflammation Modulation

- Helps balance inflammatory response
- Supports cleaner, more efficient healing

• Enhanced Blood Flow & Nutrient Delivery

- TB-500 promotes angiogenesis and cellular migration
- BPC-157 supports formation of new microvessels

• Joint & Mobility Support

- May reduce discomfort related to strain or overuse
- Enhances flexibility and movement quality

• Systemic & Localized Repair

- BPC = targeted site-specific repair
 - TB-500 = broad, whole-body repair acceleration
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Common Research Use Cases

- Tendon & ligament recovery studies
- Joint mobility & structural repair models
- Muscle healing & performance recovery

- Inflammation + circulation pathways
 - Injury rehabilitation research
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Typical Research Protocols (Literature-Based)

(For educational/reference purposes; not medical advice)

- **Duration:** 4–8 weeks
 - **Frequency:** Daily or several times weekly
 - **Vial:** BPC-157 5mg + TB-500 5mg
 - **Reconstitution:** With bacteriostatic water
 - **Route:** Subcutaneous in research settings
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Storage & Stability

- Store lyophilized at **2–8°C**
 - Use reconstituted peptide within **30 days**
 - Protect from light, heat, and moisture
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Safety Profile (Research-Based Notes)

- Both peptides exhibit strong tolerance in literature
 - Non-hormonal
 - No major toxicity reported in available animal data
 - Widely used in regenerative & recovery models
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Format

- **BPC-157 5mg + TB-500 5mg lyophilized powder**
 - Research Use Only
 - Purity: **≥99%** (third-party verified)
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Legal & Compliance

For Research Use Only. Not for human consumption.

Not approved by the FDA to diagnose, treat, cure, or prevent any disease.

Brand Finishing (Kaia Style)

Targeted precision meets systemic repair.

A dual-pathway peptide for advanced healing research.