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Gut Health

Heal your gut for a lasting
impact on overall health

BPC-157



About

BPC-157 is a powerful peptide known for its regenerative properties, accelerating healing of muscles, tendons, and ligaments, while reducing inflammation and promoting gut health.

Benefits

- Accelerates healing of wounds and injuries
- Reduces inflammation
- Helps tissue regeneration
- Supports the gastrointestinal tract and overall gut health

Dosing

- Pull 0.25mL (25cc) dose into a syringe and administer, subcutaneous injection
- Once in the am and once in the pm 5 days a week for 8 weeks

Duration

2 months

What's Included

- 1 Vial BPC-157
- 2- (20) 27-30G subq needles
- (1) 5 or 10 mL syringe
- (1) 25G needle with syringe
- (1) 10 mL Saline

*Products shipped from an FDA approved Lab

Reconstitution Instructions

*Refer to instructions on additional page

Mechanism of Action

Learn more on page 2.



BPC-157

Mechanism of Action

1. Tissue Regeneration and Wound Healing

- Angiogenesis (Formation of New Blood Vessels):
 - BPC-157 promotes angiogenesis by upregulating vascular endothelial growth factor (VEGF).
 - Increased blood flow supports nutrient and oxygen delivery to damaged tissues, accelerating repair.
- Fibroblast Activity:
 - Enhances fibroblast proliferation and migration, which are crucial for collagen production and tissue remodeling.

2. Anti-Inflammatory Effects

- Reduction of Pro-Inflammatory Cytokines:
 - Inhibits inflammatory mediators such as tumor necrosis factor-alpha (TNF- α) and interleukin-6 (IL-6).
 - Modulates the immune response, reducing swelling and pain in inflamed tissues.

3. Modulation of Nitric Oxide (NO) Pathway

- BPC-157 influences NO synthesis, which plays a role in:
 - Promoting vasodilation and improving microcirculation.
 - Reducing oxidative stress in damaged tissues.

4. Protection of the Gastrointestinal (GI) Tract

- Cytoprotection:
 - Stabilizes and protects the mucosal lining of the stomach and intestines.
 - Promotes healing of ulcers and reduces GI tract inflammation, possibly by interacting with nitric oxide pathways and prostaglandins.
- Gut-Brain Axis Modulation:
 - May regulate the gut-brain axis by enhancing serotonin and dopamine production, indirectly affecting stress-induced GI issues.

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Mechanism of Action

5. Repair of Tendons, Ligaments, and Bone

- Collagen Synthesis:
 - Stimulates collagen production, essential for the structural integrity and repair of tendons, ligaments, and connective tissue.
 - Accelerates the healing of injuries like tears, sprains, and fractures.
- Growth Factor Activation:
 - Enhances growth factor signaling (e.g., VEGF, TGF- β), promoting cell proliferation and repair in musculoskeletal injuries.

6. Neuroprotective Effects

- Protects against oxidative and excitotoxic damage in neurons.
- May play a role in nerve regeneration and repair after injury.

7. Antioxidant Properties

- Reduces oxidative stress by neutralizing reactive oxygen species (ROS).
- Protects cells and tissues from damage caused by oxidative stress, contributing to faster healing.

8. Interaction with Growth Hormone Receptors

- BPC-157 may upregulate growth hormone receptors, enhancing the regenerative effects of endogenous growth hormone, particularly in musculoskeletal tissues.

Clinical & Therapeutic Implications

BPC-157's diverse mechanisms make it a candidate for treating:

- Musculoskeletal injuries: Tendonitis, ligament injuries, fractures.
- Gastrointestinal disorders: Ulcers, inflammatory bowel disease (IBD), leaky gut.
- Neurological conditions: Peripheral nerve injuries, neuroinflammation.
- Systemic inflammation and oxidative stress: Conditions involving chronic inflammation and poor healing.



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Instructions

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BPC-157 Reconstitution



Pull

Using the large syringe from your administration kit, pull air into the syringe first to about 0.50mL (50cc), then plunge syringe all the way back into vile. Then pull out 10mL Low Soluble Saline Solution to fill the syringe. It may take a few repetitions to load your syringe with the full 10mL with no air pockets.



Inject

Once you've loaded your syringe, inject the Low Soluble Saline into your BPC-157 vile on its side to not damage the bonds of the product. **Do not shake.** Allow the solution to sit for at least 5 minutes before dosing.



Dose

Clean both your injection area and the product top before dosing. Pull 0.25mL (25cc) of the BPC-157 and Saline mixture into the small syringe from your kit. Inject subcutaneously into abdomen (at least 3 inches from belly button) or thigh once in the AM and once in the PM. Repeat dose 5 days per week for 8 weeks.

