

Ipamorelin

PEPTIDES

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IMPORTANT: Read This Before Proceeding With Dosing Go to the Prep & Injection Guide for proper reconstitution, syringe sizing, and injection protocols. Mistakes here can compromise your research. the Prep & Injection Guide Ipamorelin stimulates selective growth hormone production and is a ghrelin receptor agonist. Ghrelin is a hormone produced by enteroendocrine cells (specialized cells found in the gastrointestinal tract, stomach, and pancreas) of the gastrointestinal tract that is often referred to as the “hunger hormone,” as it increases the urge to eat. Ghrelin helps prepare for food intake by increasing gastric motility (the movement of food through the stomach and into the intestines, which is controlled by muscles in the stomach and the enteric nervous system) and stimulating the secretion of gastric acid. Ipamorelin binds to ghrelin receptors, stimulates the release of somatocrinin (a hormone released by the hypothalamus which induces the growth of human growth hormone), and inhibits somatostatin (growth hormone-inhibiting hormone that regulates the endocrine system and affects neurotransmission and cell proliferation) and suppresses its action. It is best known for its lean muscle-growing benefits, as well as fat burning effects, accelerating injury recovery, and as an anti-aging peptide. Muscle Growth and Maintenance Stimulates the pituitary gland and mimics the body’s natural release of growth hormone and ghrelin Promotes the growth of lean muscle by increasing collagen levels and promoting muscle regeneration Prevents muscle-wasting whether caused by aging or medication Safe for long-term use due to minimal impact on acetylcholine, prolactin, cortisol, or aldosterone Promotes Healthy Bones Increases bone density and bone mineral content Supports bone formation, growth, and longitudinal development Metabolic and Digestive Benefits Enhances metabolism and burns fat Improves gut health, protects against ulcers, and improves gastric tissue health Accelerates gastric emptying and GI tract function Enhances Recovery and Regeneration Supports cartilage repair via chondrogenesis Improves collagen synthesis and healing of injured tissues Strengthens the Immune System Increases white blood cells, T-cells, and B-cells Reduces inflammation and improves phagocyte activity Corrects metabolic states caused by disease Prevents Cognitive Decline Improves cognitive function and protects brain cells Prevents age-related dopamine loss tied to Alzheimer’s and Parkinson’s Boosts memory and problem-solving skills Additional Benefits Improves cardiovascular function Regulates blood sugar Increases libido and combats erectile dysfunction Boosts estrogen and sexual desire in women Enhances sleep by promoting deep (slow-wave) sleep POSSIBLE SIDE EFFECTS Common: Injection site reactions Dry mouth Headache Nausea Vomiting Increased hunger Hyperactivity Drowsiness Skin flushing Rare: Changes in taste Difficulty swallowing Chest tightness Hives USE WITH CAUTION/UNDER CLOSE MEDICAL SUPERVISION Uncontrolled diabetes or severe insulin resistance Personal history of

cancer Intracranial lesions/pituitary tumors Untreated hypothyroidism Severe cardiovascular disease

CONTRAINDICATIONS (ABSOLUTE) Active malignancy (can promote tumor growth in solid tumors, hematologic malignancies, active cancer under treatment) Do not use if you are pregnant or breastfeeding Current or suspected neoplasia Can worsen retinal neovascularization Do not take if you determine that you are hypersensitive or allergic to Ipamorelin **IPAMORELIN: 10MG**

RECONSTITUTION, DOSING, & MISC. CONSIDERATIONS 8-12 week cycle followed by 4-6 week washout period Dose 5 consecutive days followed by 2 rest days Dose in a fasted state (at least 1.5 hours before/after a meal) Inject slowly to avoid hot, flushing, pins and needles feeling while dosing Subcutaneous Administration **TIMING/FREQUENCY** 1x/day dosing: Take at bedtime, while fasted

2x/day: Take while fasted at bedtime and immediately after waking up in the morning 3x/day: Take while fasted at bedtime, immediately after wakeup, and within 30 minutes following your workout

RECONSTITUTION Mix with 2.5 mL (250 units) of BAC water Initial Dose (all protocols) 3 units (100mcg) 1x/day Remain at this dose until fully tolerated without side effects Low Dose Protocol (general wellness, anti-aging, women) 3-8 units (100–300mcg), 1x/day 5 days per week with 2 days off 3 units = 100mcg 5 units = 200mcg 8 units = 300mcg Standard Protocol (moderate muscle gain and fat loss) 3-8 units (100–300mcg), 2x/day 5 days per week with 2 days off 3 units = 100mcg 5 units = 200mcg 8 units = 300mcg Maximum Protocol (aggressive muscle building and recovery) 3-8 units (100–300mcg), 3x/day 5 days per week with 2 days off 3 units = 100mcg 5 units = 200mcg 8 units = 300mcg

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