



## Ipamorelin

Ipamorelin Synthetic is a single, non-glycosylated polypeptide chain containing 4 amino acids. Ipamorelin is a pentapeptide (Alb-His-D-2-Nal-D-Phe-Lys-NH<sub>2</sub>) and a ghrelin mimetic with growth hormone (GH) releasing activity. Ipamorelin mimics ghrelin and binds to the ghrelin receptor (or GH secretagogue receptor, GHSR) in the brain, thereby selectively stimulating the release of GH from the pituitary gland. This results in increased plasma GH levels, which would affect many biological processes. Besides its presence in the brain, GHSR can also be found in the gastrointestinal tract, heart, lung, liver, kidney, pancreas, adipose tissue and immune cells. Unlike the other GH releasing peptides, Ipamorelin only stimulates GH release in a manner very similar to that of growth hormone releasing hormone.

**Content & Potency:** 2mg/ml subcutaneous injection provided in a 5ml vial

**Suggested Dosage:** Inject 0.1 ml (200 mcg) subcutaneously once daily 5 out of 7 days of the week or inject 0.15ml (300mcg subcutaneously daily, 5 days on, 2 days off.

**\*\*\*Do not flush unused medications or pour down a sink or drain. \*\*\***