

## GHRP 2 Human

**Description:** Growth Hormone Releasing Peptide-2 Synthetic is a single, non-glycosylated polypeptide chain containing 6 amino acids, having a molecular mass of 817.9 Dalton and a Molecular formula of C<sub>45</sub>H<sub>55</sub>N<sub>9</sub>O<sub>6</sub>.

Catalog #: HOPS-278

**Synonyms:** GHRP-2, GHRP.

For research use only.

**Physical Appearance:** Sterile Filtered White lyophilized (freeze-dried) powder.

**Amino Acid Sequence:** H-D-Ala-D-2-Nal-Ala-Trp-D-Phe-Lys-NH<sub>2</sub>.

**Purity:** Greater than 98.0% as determined by (a) Analysis by RP-HPLC. (b) Analysis by SDS-PAGE.

### Formulation:

The GHRP-2 hormone was lyophilized with no additives.

### Stability:

Lyophilized Growth Hormone Releasing Peptide-2 although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution GHRP-2 should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

### Usage:

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

### Solubility:

It is recommended to reconstitute the lyophilized GHRP-2 in sterile 18M-cm H<sub>2</sub>O not less than 100 µg/ml, which can then be further diluted to other aqueous solutions.

### Introduction:

GH-releasing peptides (GHRPs) are synthetic peptides that like GHRH act directly on pituitary somatotrophs to stimulate GH release. GHRP-2, an investigational drug, is one of the most potent members of the GHRP family. It has been shown to be effective in adults via the oral and intranasal as well as the iv route of administration.

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