9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

# 32-6621: GHRP1

**Alternative Name :** GHRP-1, GHRP1.

## Description

Sterile Filtered White lyophilized (freeze-dried) powder.
GH-releasing peptides (GHRPs) are synthetic peptides that like GHRH effect on pituitary somatotrophs to stimulate GH release. The GHRP1 is one of several synthetic met-enkephalin analogs that owns unnatural D-amino acids. They were developed for their growth hormone (GH) releasing activity and called GH secretatogues. They lack opioid activity but are potent stimulators of GH release. These secretatogues are distinct from the growth hormone releasing hormone (GHRH or GHRF) as they share no sequence relation and derive their function through action at a completely different receptor, the ghrelin receptor.
Growth Hormone Releasing Peptide-1 Synthetic is a single, non-glycosylated polypeptide chain containing 5 amino acids, having a molecular mass of 955.11 Dalton and a Molecular formula of C51H62N12O7.

## Product Info

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| **Amount :** | 5 mg / 25 mg |
| **Purification :** | Greater than 97.0% as determined by analysis by RP-HPLC. |
| **Content :** | The protein was lyophilized with no additives.<br>It is recommended to reconstitute the lyophilized GHRP1 in sterile 18M Omega -cm H2O not less than 100 µg/ml, which can then be further diluted to other aqueous solutions. |
| **Storage condition :** | Lyophilized Growth Hormone Releasing Peptide-1 although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution GHRP1 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. |
| **Amino Acid :** | Ala-His-(D-Beta-Nal)-Ala-Trp-(D-Phe)-Lys-NH2. |

***For Research Use Only. Not for use in diagnostic/therapeutics procedures.***