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## Product Data Sheet

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Product Name: GHRP 6  
Cat. No.: GP21253  
Batch No.: 1

### Product Data

Purity	>98%	Source	
Physical Appearance	solid	Shipping Condition	Shipped at Room temp.
Synonyms	GHRP-6; GHRP.		
Amino Acid Sequence	His-D-Trp-Ala-Trp-D-Phe-Lys-NH <sub>2</sub> .		
Solubility	It is recommended to reconstitute the lyophilized GHRP-6 in sterile 18MΩ-cm H <sub>2</sub> O not less than 100 µg/ml, which can then be further diluted to other aqueous solutions.		
Formulation	The GHRP-6 peptide was lyophilized with no additives.		

### Introduction

GH-releasing peptides (GHRPs) are synthetic peptides that like GHRH act directly on pituitary somatotrophs to stimulate GH release. Growth hormone (GH) release is stimulated by a variety of synthetic secretagogues, of which growth hormone-releasing hexapeptide (GHRP-6) has been most thoroughly studied; it is thought to have actions at both pituitary and hypothalamic site.

### Stability

Lyophilized Growth Hormone Releasing Peptide-6 although stable at room temperature for 3 weeks, should be stored desiccated below -18°C . Upon reconstitution GHRP-6 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.

### Background

Growth Hormone Releasing Peptide-6 Synthetic is a single, non-glycosylated polypeptide chain containing 6 amino acids, having a molecular mass of 873 Dalton and a Molecular

**Caution: Product has not been fully validated for medical applications. For research use only.**

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formula of C<sub>46</sub>H<sub>56</sub>N<sub>12</sub>O<sub>6</sub>.

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