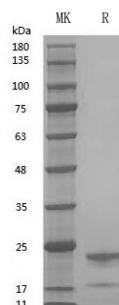


**Product Name: Recombinant Human GH**  
**Catalog #: PCH2552**

## Summary

<b>Name</b>	GH
<b>Purity</b>	Greater than 98% as determined by reducing SDS-PAGE
<b>Endotoxin level</b>	≤10 EU/mg
<b>Construction</b>	Recombinant Human GH is produced by our Mammalian cell expression system and the target gene encoding Phe27-Phe217 is expressed.
<b>Accession #</b>	P01241
<b>Host</b>	Human Cells
<b>Species</b>	Human
<b>Predicted Molecular Mass</b>	22 kDa
<b>Formulation</b>	Lyophilized From 10 mM PB, pH 7.4
<b>Shipping</b>	The product is shipped on dry ice/polar packs.Upon receipt, store it immediately at the temperature listed below.
<b>Stability&amp;Storage</b>	Store at ≤-70°C, stable for 6 months after receipt.Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
<b>Reconstitution</b>	Always centrifuge tubes before opening.Do not mix by vortex or pipetting.It is not recommended to reconstitute to a concentration less than 100µg/ml.Dissolve the lyophilized protein in distilled water.Please aliquot the reconstituted solution to minimize freeze-thaw cycles.Always centrifuge tubes before opening.Do not mix by vortex or pipetting.It is not recommended to reconstitute to a concentration less than 100µg/ml.Dissolve the lyophilized protein in distilled water.Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

## SDS-PAGE image



## Background

**Product Name: Recombinant Human GH**  
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**Alternative Names**

GH1;Somatotropin;Growth hormone;GH;GH-N;Growth hormone 1;Pituitary growth hormone

**Background**

Growth hormone (GH or GH-N) is also known as Somatotropin, Pituitary growth hormone. GH belongs to the somatotropin/prolactin family. Growth hormone (GH) may form monomer, dimer, trimer, tetramer and pentamer, by disulfide-linked or non-covalently associated, in homopolymeric and heteropolymeric combinations. GH can also form a complex either with GHBP or with the alpha2-macroglobulin complex. Growth hormone (GH) plays an important role in growth control. Its major role in stimulating body growth is to stimulate the liver and other tissues to secrete IGF-1. It stimulates both the differentiation and proliferation of myoblasts. It also stimulates amino acid uptake and protein synthesis in muscle and other tissues.

**Note**

For Research Use Only , Not for Diagnostic Use.