

RP00549

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Recombinant Human GH/Growth hormone Protein

Catalog No.: RP00549

Recombinant

Sequence Information

Species	Gene ID	Swiss Prot
Human	2688	P01241

Tags

No tag

Synonyms

GH1; GH; GH-N; GHB5; GHN; IGHD1B;
hGH-N; somatotropin;GH;GH-
N;GHB5;GHN;IGHD1B;hGH-N

Product Information

Source	Purification
<I>E. coli</I>	> 95% by SDS- PAGE.

Endotoxin

< 1 EU/μg of the protein by LAL method.

Formulation

Lyophilized from a 0.2 μm filtered
solution of PBS, pH7.4. Contact us for
customized product form or formulation.

Reconstitution

Reconstitute to a concentration of
0.1-0.5 mg/mL in sterile distilled water.

Background

Growth hormone (GH), also known as somatotropin, is a member of a family of growth factors. It 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. GH includes prolactin, placental lactogens, proliferins, and somatolactin. It is synthesized primarily by somatotropes in the anterior pituitary and is stored in secretory granules. It stimulates both the differentiation and proliferation of myoblasts. It also stimulates amino acid uptake and protein synthesis in muscle and other tissues.

Basic Information

Description

Recombinant Human GH/Growth hormone Protein is produced by <I>E. coli</I> expression system. The target protein is expressed with sequence (Phe27-Phe217) of human GH/Growth hormone (Accession #P01241).

Bio-Activity

Storage

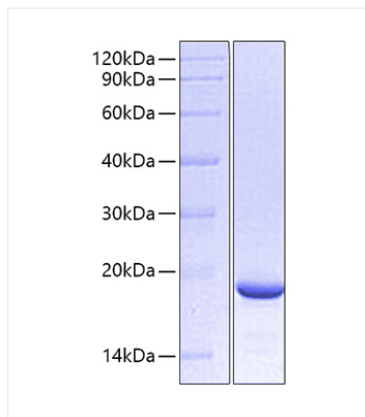
Store the lyophilized protein at -20 °C to -80 °C for long term.
After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for up to 1 week. Avoid repeated freeze/thaw cycles.

Contact



www.abclonal.com

Validation Data



Recombinant Human GH/Growth hormone
Protein was determined by SDS-PAGE under
reducing conditions with Coomassie Blue.