

Active Recombinant Human GH1 protein

Cat. No. GH1-770H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human GH1 protein(P01241)(Phe27-Phe217) was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Phe27-Phe217
Form	Lyophilized from sterile PBS, pH 7.4.Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA.
Bio-activity	Measured by its ability to promote proliferation of INS-1 cells.The ED50 for this effect is 0.2-1 ng/mL.
Molecular Mass	The recombinant human GH1 consists 191 amino acids and predicts a molecular mass of 22.1 kDa.
Purity	> 90 % as determined by SDS-PAGE.
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	GH1 growth hormone 1 [Homo sapiens]
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Official Symbol	GH1
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Synonyms	GH1; growth hormone 1; somatotropin; GH; GH N; GHN; hGH N; pituitary growth hormone; GH-N; hGH-N; IGHD1B;
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Gene ID	2688
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mRNA Refseq	NM_000515
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Protein Refseq	NP_000506
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MIM	139250
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UniProt ID	P01241
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