

Product datasheet for **TP720039**

Gh (NM_008117) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of mouse growth hormone/GH
Species:	Mouse
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	Phe27-Phe216
Tag:	Tag Free
Predicted MW:	22 kDa
Concentration:	lot specific
Purity:	>95% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	Provided lyophilized from a 0.2 µm filtered solution of 20 mM Tris-HCl, 150 mM NaCl
Endotoxin:	< 0.1 EU per µg protein as determined by LAL test
Reconstitution Method:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. Dissolve the lyophilized protein in ddH ₂ O. It is not recommended to reconstitute a concentration less than 100 µg/ml. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Storage:	Store at -80°C.
Stability:	Stable for at least 6 months from date of receipt under proper storage and handling conditions.
RefSeq:	NP_032143
Locus ID:	14599
UniProt ID:	P06880 , A0A0M6L0K7
RefSeq Size:	903
Cytogenetics:	11 68.89 cM
RefSeq ORF:	651
Synonyms:	Gh1; Ghb1



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Summary:

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.[UniProtKB/Swiss-Prot Function]

Product images: