

## Recombinant Mouse Gh Protein

Cat. No. Gh-067M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant protein of mouse growth hormone/GH (Phe27-Phe216) without tag was expressed in E.coli.
<b>Species</b>	Mouse
<b>Source</b>	E.coli
<b>ProteinLength</b>	27-216 a.a.
<b>Description</b>	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.
<b>Molecular Mass</b>	22 kDa
<b>Endotoxin</b>	< 0.1 EU per g protein as determined by LAL test
<b>Purity</b>	>95%, as determined by SDS-PAGE and Coomassie blue staining
<b>Stability</b>	Stable for at least 6 months from date of receipt under proper storage and handling conditions.
<b>Storage</b>	Store at -80 centigrade.

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**Storage Buffer** Lyophilized from a 0.2 M filtered solution of 50mM Tris-HCl, 500mM NaCl, pH 8.0.

**Reconstitution** Resuspend the protein in the desired concentration in proper buffer.

## GENE INFORMATION

**Gene Name** Gh growth hormone [ *Mus musculus* (house mouse) ]

**Official Symbol** Gh

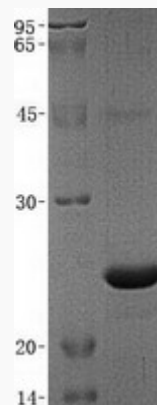
**Synonyms** Gh; growth hormone; Gh1; Ghb1; somatotropin; growth hormone b1

**Gene ID** 14599

**mRNA Refseq** NM\_008117

**Protein Refseq** NP\_032143

**UniProt ID** P06880



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