

Recombinant Mouse Gh Protein

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

SPECIFICATION

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

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Storage Buffer	Lyophilized from a 0.2 μ filtered solution of 50mM Tris-HCl, 500mM NaCl, pH 8.0.
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Reconstitution	Resuspend the protein in the desired concentration in proper buffer.
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GENE INFORMATION

Gene Name	Gh growth hormone [<i>Mus musculus</i> (house mouse)]
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Official Symbol	Gh
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Synonyms	Gh; growth hormone; Gh1; Ghb1; somatotropin; growth hormone b1
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Gene ID	14599
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mRNA Refseq	NM_008117
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Protein Refseq	NP_032143
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UniProt ID	P06880
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