

Bioactive

Gh (Mouse) Recombinant Protein

Catalog # P4369

Size 50 ug

Specification

Product Description	Mouse Gh (P06880, 27 a.a. - 216 a.a.) partial recombinant protein expressed in <i>Escherichia coli</i> .
Sequence	FPAMPLSSLFSNAVLRAQHLHQLAADTYKEFERAYIPEGQRYSIQNAQA AFCFSETIPAPTGKEEA QQRTDMELLRFSLLLIQSWLGPVQFLSRIFTNSLMFGTSDRVYEKLKDLEEGIQALMQELEDGSPR VGQILKQTYDKFDANMRSDDALLKNYGLLSCFKKDLHKAETYL RVMKCRRFVESSCAF
Host	Escherichia coli
Theoretical MW (kDa)	22
Form	Lyophilized
Preparation Method	<i>Escherichia coli</i> expression system
Purification	Ion exchange column and HPLC reverse phase column
Purity	> 90% by SDS-PAGE and HPLC
Endotoxin Level	Endotoxin content was assayed using a LAL gel clot method. Endotoxin level was found to be less than 0.1 ng/ug (1EU/ug).
Activity	The ED ₅₀ was determined by the dose-dependent cell proliferation assay using the rat lymphoma, N b2-11, and was found to be in the range of 0.1 ng/mL.
Storage Buffer	Lyophilized from 100 mM NaCl, 20 mM PB, pH 7.4
Storage Instruction	Store at -20°C on dry atmosphere for 2 years. After reconstitution with deionized water, store at 4°C for 1 month or store at -20°C for 6 months. Aliquot to avoid repeated freezing and thawing.

Applications

- Functional Study

- SDS-PAGE

Gene Info — Gh

Entrez GeneID	14599
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Protein Accession#	P06880
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Gene Name	Gh
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Gene Alias	-
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Gene Description	growth hormone
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Gene Ontology	Hyperlink
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Other Designations	OTTMUSP00000003470
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