

Recombinant Mouse Ghrh Protein, His-tagged

Cat. No. Ghrh-662M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Ghrh(Leu20~Met97) fused with His tag and linked with SLQRTLDSST TTTTTEIRLL TKPERKLSWL LPPLSNN at N-terminal was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Leu20~Met97
Description	This gene encodes a hormone that has stimulatory effects on pituitary growth hormone synthesis and release, and somatotrope expansion. The encoded preproprotein undergoes proteolytic processing to generate the mature peptide that is secreted by hypothalamus. Mice lacking the encoded protein are deficient in the growth hormone, live longer and exhibit growth retardation, enhanced insulin sensitivity and increased xenobiotic metabolism.
Form	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Molecular Mass	14.8kDa
Identity	Reconstitute in PBS or others
Endotoxin	<1.0EU per 1g (determined by the LAL method)

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Purity	> 95%
Applications	Positive Control; Immunogen; SDS-PAGE; WB. If bio-activity of the protein is needed, please check active protein
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Reconstitution	Reconstitute in PBS or others

GENE INFORMATION

Gene Name	Ghrh growth hormone releasing hormone [Mus musculus]
Official Symbol	Ghrh
Synonyms	GHRH; growth hormone releasing hormone; somatoliberin; GRF; growth hormone-releasing factor; growth hormone-releasing hormone; Ghrf;
Gene ID	14601
mRNA Refseq	NM_010285
Protein Refseq	NP_034415
UniProt ID	P16043

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