

## Recombinant Mouse Ghrh Protein, His-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse Ghrh(Leu20~Met97) fused with His tag and linked with SLQRTLDSST TTTTTEIRLL TKPERKLSWL LPPLSNN at N-terminal was expressed in E. coli.
<b>Species</b>	Mouse
<b>Source</b>	E.coli
<b>ProteinLength</b>	Leu20~Met97
<b>Description</b>	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.
<b>Form</b>	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
<b>Molecular Mass</b>	14.8kDa
<b>Identity</b>	Reconstitute in PBS or others
<b>Endotoxin</b>	<1.0EU per 1g (determined by the LAL method)

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

<b>Purity</b>	> 95%
<b>Applications</b>	Positive Control; Immunogen; SDS-PAGE; WB. If bio-activity of the protein is needed, please check active protein
<b>Stability</b>	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.
<b>Storage</b>	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
<b>Reconstitution</b>	Reconstitute in PBS or others

## GENE INFORMATION

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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA