

## Recombinant Mouse Ghrhr Protein, His-tagged

**Cat. No.** Ghrhr-1576M    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse Ghrhr Protein (His23-Ile131) with N-His tag was expressed in E. coli.
<b>Species</b>	Mouse
<b>Source</b>	E.coli
<b>ProteinLength</b>	His23-Ile131
<b>Description</b>	Enables growth hormone-releasing hormone receptor activity and peptide hormone binding activity. Involved in positive regulation of cell population proliferation. Acts upstream of or within several processes, including gland development; positive regulation of growth hormone secretion; and regulation of signal transduction. Located in plasma membrane. Is integral component of membrane. Is expressed in alimentary system; brain; metanephros; and spinal cord. Human ortholog(s) of this gene implicated in isolated growth hormone deficiency. Orthologous to human GHRHR (growth hormone releasing hormone receptor).
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	Predicted Molecular Mass: 15.7 kDa Accurate Molecular Mass: 16 kDa
<b>Purity</b>	> 95%

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<b>Applications</b>	Positive Control; Immunogen; SDS-PAGE; WB.
<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>Storage Buffer</b>	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
<b>Reconstitution</b>	Reconstitute in PBS or others.

## GENE INFORMATION

<b>Gene Name</b>	Ghrhr growth hormone releasing hormone receptor [ <i>Mus musculus</i> (house mouse) ]
<b>Official Symbol</b>	Ghrhr
<b>Synonyms</b>	GHRHR; growth hormone releasing hormone receptor; growth hormone-releasing hormone receptor; GRFR; GRF receptor; GHRH receptor; growth hormone-releasing factor receptor; lit; Ghfr; little;
<b>Gene ID</b>	14602
<b>mRNA Refseq</b>	NM_001003685
<b>Protein Refseq</b>	NP_001003685
<b>UniProt ID</b>	P32082

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