

Recombinant Mouse Ghrhr Protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Mouse Ghrhr Protein (His23-Ile131) with N-His tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	His23-Ile131
Description	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).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 15.7 kDa Accurate Molecular Mass: 16 kDa
Purity	> 95%

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

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

GENE INFORMATION

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

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