

Ghrelin/Obestatin Preprohormone (GHRL) Recombinant Protein | GHRL recombinant protein

Recombinant Ghrelin/Obestatin Preprohormone (GHRL)

CATALOG # AAA151069	HOST E.coli	REACTIVITY Mus musculus (Mouse)	APPLICATIONS Western Blot, SDS-Page
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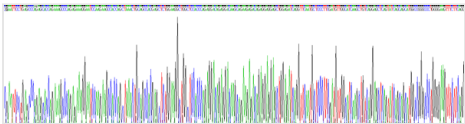
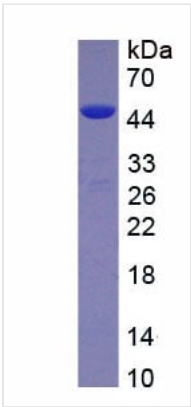
PRODUCT SYNONYMS

Ghrelin/Obestatin Preprohormone (GHRL); Recombinant Ghrelin/Obestatin Preprohormone (GHRL); GHRL/Ghrelin/Obestatin Preprohormone; MTLRP; Preproghrelin; Growth Hormone Secretagogue Receptor Ligand; Appetite-regulating hormone; Growth hormone-releasing peptide; Motilin-related peptide; GHRL recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Mus musculus (Mouse)
Purity/Purification	> 90%
Form/Format	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose
Concentration	Original Concentration: 400ug/mL (varies by lot)
Applicable Applications for GHRL recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Leu28~Lys117
Tags	N-terminal His and GST Tag
Subcellular Location	Secreted
Traits	Freeze-dried powder
Predicted isoelectric point	5.7
Usage	Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: 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 degree C 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.

IMAGES



Identification
Gene Sequencing (extract)

SDS-PAGE
SDS-PAGE

LSP EHQAQRKES KKPPAKLQPR
ALEGNLHPED RQQAETEEE LEIRFNAPFD VGKLSGAQY QQHGRALGKF
LQDIKNEEVK EAPADK

Sequence

ADDITIONAL INFORMATION

Product Categories/Family for GHRL recombinant protein Endocrinology; Prokaryotic recombinant

NCBI AND UNIPROT INFORMATION

NCBI GI #	19224664
NCBI GeneID	58991
NCBI Accession #	NP_067463.2
NCBI GenBank Nucleotide #	NM_021488.4
UniProt Accession #	Q9EQX0; Q9WUZ1
Molecular Weight	Predicted Molecular Mass: 40.3kDa Accurate Molecular Mass: 40/38/33/27kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	appetite-regulating hormone
NCBI Official Synonym Full Names	ghrelin
NCBI Official Symbol	Ghrl
NCBI Official Synonym Symbols	Ghr; m46; MTLRP; MTLRPAP; 2210006E23Rik
NCBI Protein Information	appetite-regulating hormone; proghrelin; preproghrelin; motilin-related peptide; growth hormone secretagogue; growth hormone-releasing peptide
UniProt Protein Name	Appetite-regulating hormone
UniProt Gene Name	Ghrl
UniProt Synonym Gene Names	Mtlrp
UniProt Entry Name	GHRL_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

