

## Recombinant Human GHRL Protein (Ser25-Lys117), His tagged

Cat. No. GHRL-2749H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant human GHRL (Ser25-Lys117) protein fused with His tag was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	Ser25-Lys117
<b>Description</b>	Ghrelin is the ligand for growth hormone secretagogue receptor type 1 (GHSR). Induces the release of growth hormone from the pituitary. Has an appetite-stimulating effect, induces adiposity and stimulates gastric acid secretion. Involved in growth regulation. Obestatin may be the ligand for GPR39. May have an appetite-reducing effect resulting in decreased food intake. May reduce gastric emptying activity and jejunal motility.
<b>Molecular Mass</b>	12.5 kDa
<b>Purity</b>	>90 % as determined by SDS-PAGE.
<b>Notes</b>	For research use only.
<b>Storage</b>	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 centigrade for one week. Store at -20 to -80 centigrade for twelve months from the date of receipt.

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<b>Storage Buffer</b>	Supplied as solution form in PBS pH 7.5 or lyophilized from PBS pH 7.5.
<b>Reconstitution</b>	Reconstitute in sterile water for a stock solution.
<b>Shipping</b>	In general, proteins are provided as lyophilized powder/frozen liquid. They are shipped out with dry ice/blue ice unless customers require otherwise.

## GENE INFORMATION

<b>Gene Name</b>	GHRL ghrelin/obestatin prepropeptide [ Homo sapiens (human) ]
<b>Official Symbol</b>	GHRL
<b>Synonyms</b>	GHRL; ghrelin/obestatin prepropeptide; ghrelin, growth hormone secretagogue receptor ligand; appetite-regulating hormone; ghrelin; MTLRP; obestatin; motilin-related peptide; growth hormone secretagogue; ghrelin/obestatin preprohormone; growth hormone-releasing peptide;
<b>Gene ID</b>	51738
<b>mRNA Refseq</b>	NM_001134941
<b>Protein Refseq</b>	NP_001128413
<b>MIM</b>	605353
<b>UniProt ID</b>	Q9UBU3

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