

Recombinant Mouse Ghrl Protein, Myc/DDK-tagged

Cat. No. Ghrl-3204M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length ghrelin (Ghrl), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	This gene encodes a preproprotein that undergoes proteolytic processing to yield two bioactive peptides, ghrelin and obestatin. The hormone ghrelin plays a role in enhancing appetite and has numerous other biological functions that include stimulating the secretion of growth hormone (somatotropin) from the anterior pituitary gland. Obestatin is thought to be a hormone that functions in decreasing appetite. Mice lacking the encoded protein develop normally and exhibit no gross anatomical abnormalities. This gene encodes distinct isoforms, some or all of which may undergo similar proteolytic processing.
Molecular Mass	13.7 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.

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Concentration >50 µg/mL as determined by microplate BCA method

Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name Ghrl ghrelin [*Mus musculus* (house mouse)]

Official Symbol Ghrl

Synonyms Ghrl; ghrelin; Gh; MT; Ghr; m46; MTLRP; MTLRPAP; 2210006E23Rik; appetite-regulating hormone; growth hormone secretagogue; growth hormone-releasing peptide; motilin-related peptide; preproghrelin; proghrelin

Gene ID 58991

mRNA Refseq NM_021488

Protein Refseq NP_067463

UniProt ID Q9EQX0

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