

## Product datasheet for TP512134

### Ghrl (NM\_021488) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse ghrelin (Ghrl), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR212134 representing NM_021488 Red=Cloning site Green=Tags(s)
	MLSSGTICSLLLLSMLWMDMAMAGSSFLSPEHQKAQQRKESKKPPAKLQPRALEGWLHPEDRGQAEETEE ELEIRFNAPFDVGIKLSGAQQHGRALGKFLQDILWEEVKEAPADK
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	13.7 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<a href="#">NP_067463</a>
Locus ID:	58991
UniProt ID:	<a href="#">Q9EQX0</a> , <a href="#">A2RSS9</a>
RefSeq Size:	527
Cytogenetics:	6 52.84 cM
RefSeq ORF:	351



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**Synonyms:** 2210006E23Rik; Gh; Ghr; m46; MT; MTLRP; MTLRPAP

**Summary:** 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. [provided by RefSeq, Jul 2016]