

Recombinant Mouse Grp Protein, Myc/DDK-tagged

Cat. No. Grp-3313M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length gastrin releasing peptide (Grp), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	This gene encodes a neuropeptide hormone that affects various biological processes such as neuroendocrine regulation, gastrointestinal secretion, nociception, cell proliferation and inflammation. The encoded protein undergoes proteolytic processing to generate multiple mature peptides with biological activity.
Molecular Mass	15.7 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.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name	Grp gastrin releasing peptide [Mus musculus (house mouse)]
Official Symbol	Grp
Synonyms	Grp; gastrin releasing peptide; B; BLP; gastrin-releasing peptide
Gene ID	225642
mRNA Refseq	NM_175012
Protein Refseq	NP_778177
UniProt ID	Q8R1I2

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