

Recombinant Mouse Gast Protein, Myc/DDK-tagged

Cat. No. Gast-3159M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length gastrin (Gast), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	This gene encodes the peptide hormone gastrin, which stimulates gastric acid secretion, proliferation, cell migration and angiogenesis, as well as inhibits apoptosis. The encoded preproprotein undergoes proteolytic processing to generate multiple gastrin peptides differing in size. Mice lacking the encoded protein exhibit a decrease in the number of parietal cells, achlorohydria and a decrease in the colonic proliferation.
Molecular Mass	11.6 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

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

GENE INFORMATION

Gene Name [Gast gastrin \[Mus musculus \(house mouse\) \]](#)

Official Symbol [Gast](#)

Synonyms Gast; gastrin; G; GAS; gastrin

Gene ID [14459](#)

mRNA Refseq [NM_010257](#)

Protein Refseq [NP_034387](#)

UniProt ID [P48757](#)

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