

## Recombinant Mouse Gast Protein, Myc/DDK-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Purified recombinant protein of mouse full-length gastrin (Gast), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>Description</b>	<p>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, achlorohydrria and a decrease in the colonic proliferation.</p>
<b>Molecular Mass</b>	11.6 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Stability</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>Storage</b>	Store at -80 centigrade after receiving vials.
<b>Concentration</b>	>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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