

# Recombinant Full Length Human GAST Protein, C-Flag-tagged

Cat. No. GAST-1804HFL Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Full Length Human GAST Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
<b>Species</b>	Human
<b>Source</b>	Mammalian Cells
<b>Description</b>	Gastrin is a hormone whose main function is to stimulate secretion of hydrochloric acid by the gastric mucosa, which results in gastrin formation inhibition. This hormone also acts as a mitogenic factor for gastrointestinal epithelial cells. Gastrin has two biologically active peptide forms, G34 and G17.
<b>Form</b>	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
<b>Molecular Mass</b>	9.2 kDa
<b>AA Sequence</b>	MQRLCVYVLIFALALAAFSEASWKPRSQQPDAPLGTGANRDLELPWLEQQGPASHH RRQLGPPQGPPLVA DPSKKQGPWLEEEEEAYGWMDFGRRSAEDEN TRTRPLEQ KLISEEDLAANDILDYKDDDDKV
<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.

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<b>Storage</b>	Store at -80 centigrade.
<b>Concentration</b>	>50 ug/mL as determined by microplate BCA method.
<b>Preparation</b>	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
<b>Protein Families</b>	Druggable Genome, Secreted Protein
<b>Full Length</b>	Full L.

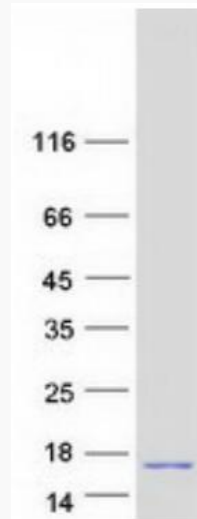
## GENE INFORMATION

<b>Gene Name</b>	GAST gastrin [ Homo sapiens (human) ]
<b>Official Symbol</b>	GAST
<b>Synonyms</b>	GAS
<b>Gene ID</b>	2520
<b>mRNA Refseq</b>	NM_000805.5
<b>Protein Refseq</b>	NP_000796.1
<b>MIM</b>	137250
<b>UniProt ID</b>	P01350

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Coomassie blue staining of purified GAST protein.

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