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

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

SPECIFICATION

Product Overview	Recombinant Full Length Human GAST Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	9.2 kDa
AA Sequence	MQRLCVYVLIFALALAAFSEASWKPRSQQPDAPLGTGANRDLELPWLEQQGPASHH RRQLGPQGPPHLVA DPSKKQGPWLEEEEEAYGWMDFGRRSAEDEN TRTRPLEQ KLISEEDLAANDILDYKDDDDKV
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.

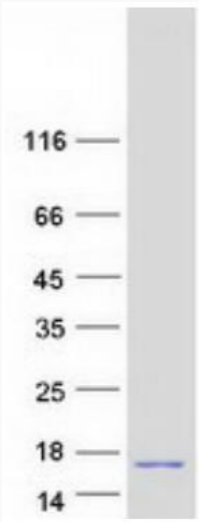
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45-1 Ramsey Road, Shirley, NY 11967, USA

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

GENE INFORMATION

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

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Coomassie blue staining of purified GAST protein.

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