Recombinant Human GAST Protein, GST-tagged

Cat. No. GAST-4742H **Lot. No.** (See product label)

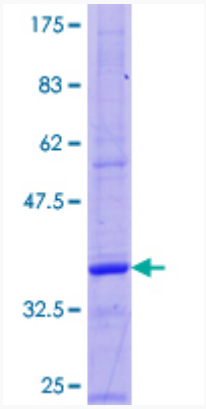
SPECIFICATION

Product Overview	Human GAST full-length ORF (NP_000796.1, 1 a.a. - 101 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
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. [provided by RefSeq
Molecular Mass	37.8 kDa
AA Sequence	MQRLCVYVLIFALALAAFSEASWKPRSQQPDAPLGTGANRDLELPWLEQQGPASHH RRQLGPQGPPHLVADPSKKQGPWLEEEEEAYGWMDFGRRSAEDEN
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

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Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	GAST gastrin [Homo sapiens]
Official Symbol	GAST
Synonyms	GAST; gastrin; GAS;
Gene ID	2520
mRNA Refseq	NM_000805
Protein Refseq	NP_000796
MIM	137250
UniProt ID	P01350
Quality Control Testing	 12.5% SDS-PAGE Stained with Coomassie Blue.

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