

# Recombinant Full Length Human GAST Protein, GST-tagged

Cat. No. GAST-5459HF Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Human GAST full-length ORF ( NP_000796.1, 1 a.a. - 101 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	101 amino acids
<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. [provided by RefSeq
<b>Molecular Mass</b>	37.8 kDa
<b>AA Sequence</b>	MQRLCVYVLIFALALAAFSEASWKPRSQQPDAPLGTGANRDLELPWLEQQGPASHH RRQLGPQGPPHLVADPSKKQGPWLEEEEEAYGWMDFGRRSAEDEN
<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
<b>Notes</b>	Best use within three months from the date of receipt of this protein.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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

**Storage** Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

**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

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