

Recombinant Human GAST

Cat. No. GAST-28284TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment, corresponding to amino acids 1-102 of Human Gastrin, with proprietary tag.
Species	Human
Source	E.coli
ProteinLength	1-102 a.a.
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	Liquid
Storage buffer	Preservative: None Constituents: 20% Glycerol, 50mM Tris acetate, 1mM EDTA, pH 7.5
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Sequence Similarities	Belongs to the gastrin/cholecystokinin family.

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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
Chromosome Location	17q
Pathway	G alpha (q) signalling events, organism-specific biosystem; GPCR downstream signaling, organism-specific biosystem; Gastric acid secretion, organism-specific biosystem; Gastric acid secretion, conserved biosystem; Signal Transduction, organism-specific biosystem;
Function	hormone activity;

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