

Recombinant Human GAST, GST-tagged

Cat. No. GAST-13165H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human GAST protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	19-101a.a.
Description	This gene encodes a member of the kappa class of the glutathione transferase superfamily of enzymes that function in cellular detoxification. The encoded protein is localized to the peroxisome and catalyzes the conjugation of glutathione to a wide range of hydrophobic substrates facilitating the removal of these compounds from cells. Alternative splicing results in multiple transcript variants.
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

Gene Name	GAST gastrin [Homo sapiens]
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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; Signaling by GPCR, organism-specific biosystem;
Function	hormone activity;

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