

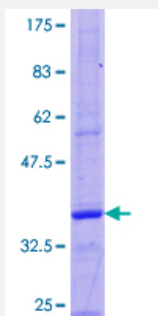
Full-Length

GAST (Human) Recombinant Protein (P01)

Catalog # H00002520-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human GAST full-length ORF (NP_000796.1, 1 a.a. - 101 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MQRLCVYVLIFALALAAFSEASWKPRSQQPDAPLGTGANRDLELPWLEQQGPASHHRRQLGPQ GPPHLVADPSKKQGPWLEEEEEAYGWMDFGRRSAEDEN
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	37.8
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — GAST

Entrez GeneID [2520](#)

GeneBank Accession# [NM_000805.3](#)

Protein Accession# [NP_000796.1](#)

Gene Name GAST

Gene Alias GAS

Gene Description gastrin

Omim ID [137250](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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]

Other Designations -