

Gastrin recombinant protein

Human Gastrin Protein, hFc Tag

CATALOG #
AAA47383

HOST
HEK293 cells

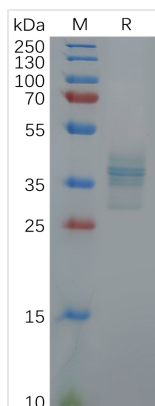
PRODUCT SYNONYMS

Gastrin; Human Gastrin Protein; hFc Tag; GAS; Gastrin recombinant protein

PRODUCT SPECIFICATIONS

Host	HEK293 cells
Purity/Purification	The purity of the protein is greater than 95% as determined by SDS-PAGE
Form/Format	Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization.
Sequence	Gastrin(Se r22-Phe92) +hFc(Glu99 -Ala330)
Origin	Human
Reconstitution	Reconstitute with deionized water
Tag	C-Human Fc
Preparation and Storage	Store at -20 degree C to -80 degree C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80 degree C (Avoid repeated freezing and thawing).

IMAGES



SDS-PAGE

Figure 1. Human GAST Protein, hFc Tag on SDS-PAGE under reducing condition.

ADDITIONAL INFORMATION

Related Product Information for Gastrin recombinant protein

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, Jul 2008]

NCBI AND UNIPROT INFORMATION

NCBI GI #

4503923

NCBI GeneID	2520
NCBI Accession #	NP_000796.1
NCBI GenBank Nucleotide #	NM_000805.4
UniProt Accession #	P01350; P78463; P78464; AAB19304
Molecular Weight	The protein has a predicted molecular mass of 34.2 kDa after removal of the signal peptide. The apparent molecular mass of GAST-hFc is approximately 25-55 kDa due to glycosylation.
NCBI Official Full Name	gastrin preproprotein
NCBI Official Synonym Full Names	gastrin
NCBI Official Symbol	GAST
NCBI Official Synonym Symbols	GAS
NCBI Protein Information	gastrin; preprogastrin
UniProt Protein Name	Gastrin
UniProt Gene Name	GAST
UniProt Synonym Gene Names	GAS; G52; G34; G17; G14; G6
UniProt Entry Name	GAST_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/gast-recombinant-protein-hek293/47383>