PRODUCT INFORMATION

Target	GAST
Synonyms	GAS
Description	Recombinant Human GAST with C-terminal human Fc tag
Delivery	In Stock
Uniprot ID	P01350
Expression Host	HEK293
Tag	C-Human Fc Tag
Molecular Characterization	GAST(Ser22-Phe92) hFc(Glu99-Ala330)
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.
Purity	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
Storage & Shipping	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Background	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]
Usage	Research use only

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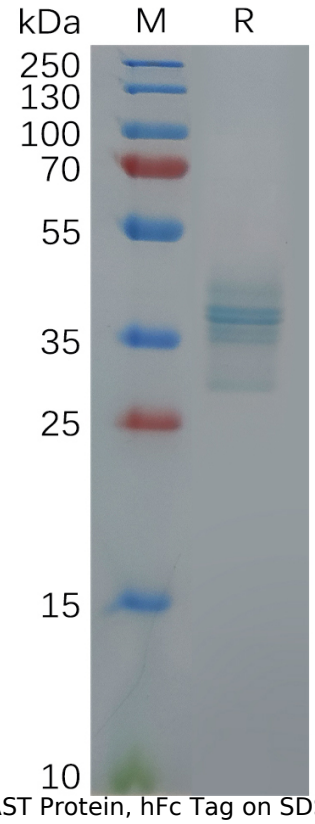

Figure 1. Human GAST Protein, hFc Tag on SDS-PAGE under reducing condition.

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