

**PRODUCT INFORMATION**

<b>Target</b>	GAST
<b>Synonyms</b>	GAS
<b>Description</b>	Recombinant Human GAST with C-terminal human Fc tag
<b>Delivery</b>	In Stock
<b>Uniprot ID</b>	P01350
<b>Expression Host</b>	HEK293
<b>Tag</b>	C-Human Fc Tag
<b>Molecular Characterization</b>	GAST(Ser22-Phe92) hFc(Glu99-Ala330)
<b>Molecular Weight</b>	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.
<b>Purity</b>	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
<b>Formulation &amp; Reconstitution</b>	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.
<b>Storage&amp;Shipping</b>	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.
<b>Sterility</b>	Products are supplied non-sterile. For cell culture applications, dilute in appropriate medium and sterile-filter (0.22 µm) prior to use.
<b>Background</b>	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]
<b>Usage</b>	Research use only
<b>Conjugate</b>	Unconjugated



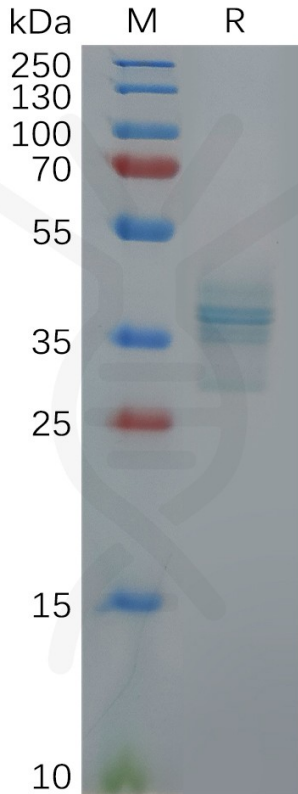
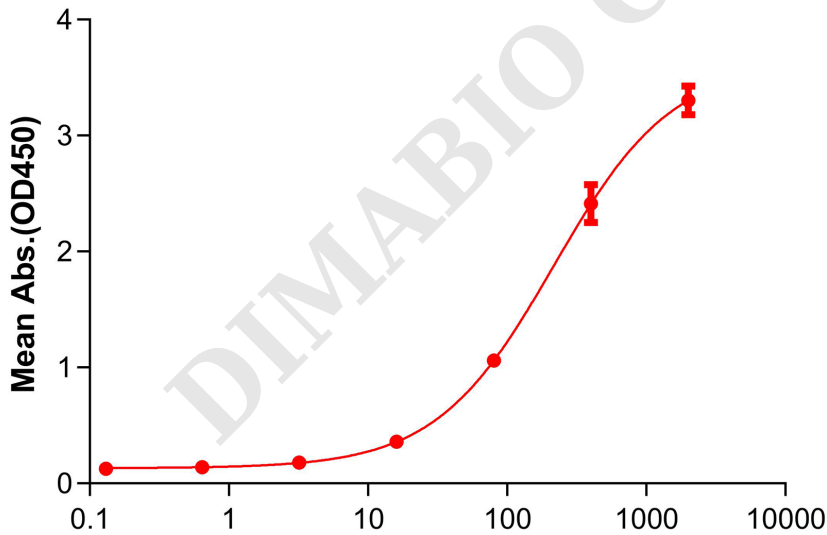


Figure 1. Human GAST Protein, hFc Tag on SDS-PAGE under reducing condition.

### Human GAST Protein, hFc Tag ELISA

0.2 µg of Human GAST, hFc tagged protein per well



### Biotinylated Anti-GAST antibody(1E2), Rabbit mAb (ng/mL)

Figure 2. ELISA plate pre-coated by 2 µg/mL (100 µL/well) Human GAST Protein, hFc tag (PME100947) can Biotinylated Anti-GAST antibody(1E2), Rabbit mAb (DME101186B) in a linear range of 80-400 ng/mL .

