

PRODUCT INFORMATION

Target GAST Synonyms GAS

Recombinant Human GAST with C-terminal **Description**

human Fc tag

Delivery In Stock **Uniprot ID** P01350 **Expression Host HEK293**

Tag C-Human Fc Tag

Molecular

Background

GAST(Ser22-Phe92) hFc(Glu99-Ala330) Characterization

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 **Molecular Weight**

approximately 25-55 kDa due to glycosylation. The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue

Purity

staining.

Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis Formulation & Reconstitution

for specific instructions of reconstitution. 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 Storage & Shipping at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient

temperature.

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]

Email: info@dimabio.com Website: www.dimabio.com

Usage Research use only Conjugate Unconjugated





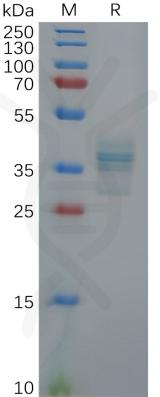
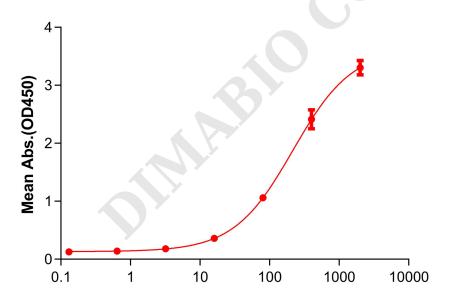


Figure 1. Human GAST Protein, hFc Tag on SDS-PAGE under reducing condition.

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 μ g/mL (100 μ L/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 .

