

Active Recombinant Human GAST protein, Fc-Avi-tagged, Biotinylated

Cat. No. GAST-1487H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant Human GAST protein, fused with Avi and Fc tag, was expressed in HEK293.
Species	Human
Source	HEK293
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4 with trehalose as protectant.
Bio-activity	Immobilized Anti-Gastrin-17 antibody, Human IgG1 at 2 µg/mL (100 µL/well) can bind Biotinylated Human Gastrin-17, Fc,Avitag with a linear range of 0.1-2.5 ng/mL.
Molecular Mass	Molecular CharacterizationThis protein carries a human IgG1 Fc tag at the C-terminus, followed by a Avi tag (Avitag™)The protein has a calculated MW of 30.3 kDa. The protein migrates as 34-40 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>90% as determined by SDS-PAGE. >90% as determined by SEC-MALS.
Storage	For long term, the product should be stored at lyophilized state at -20°C or lower.Please avoid repeated freeze-thaw cycles. This product is stable after at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile

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conditions after reconstitution.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

Conjugation

Biotin

GENE INFORMATION

Gene Name [GAST gastrin \[Homo sapiens \]](#)

Official Symbol [GAST](#)

Synonyms GAST; gastrin; GAS;

Gene ID [2520](#)

mRNA Refseq [NM_000805](#)

Protein Refseq [NP_000796](#)

MIM [137250](#)

UniProt ID [P01350](#)

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