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Datasheet for ABIN7199287

Gastrin Protein (GAST) (Fc Tag)

Overview

Quantity:	200 µg
Target:	Gastrin (GAST)
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Gastrin protein is labelled with Fc Tag.

Product Details

Purpose:	Mouse Gastrin-71 Protein, Fc tag
Sequence:	Ser 22 - Phe 92
Characteristics:	Mouse Gastrin-71 Protein, Fc tag (GAN-M5253) is expressed from human 293 cells (HEK293). It contains AA Ser 22 - Phe 92 (Accession # P48757-1).
Purity:	>90 % as determined by SDS-PAGE.
Endotoxin Level:	Less than 1.0 EU per µg by the LAL method.

Target Details

Target:	Gastrin (GAST)
Alternative Name:	Gastrin-71 (GAST Products)
Background:	Synonyms: Gastrin-71, Gastrin, GAST, Gastrin component, Description: Gastrin is a peptide hormone that stimulates secretion of gastric acid (HCl) by the parietal cells of the stomach and aids in gastric motility. It is released by G cells in the pyloric

Target Details

antrum of the stomach, duodenum, and the pancreas. Gastrin binds to cholecystokinin B receptors to stimulate the release of histamines in enterochromaffin-like cells, and it induces the insertion of K⁺/H⁺ ATPase pumps into the apical membrane of parietal cells (which in turn increases H⁺ release into the stomach cavity). Its release is stimulated by peptides in the lumen of the stomach.

Molecular Weight:	34.7 kDa
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Application Details

Application Notes:	This protein carries a human IgG1 Fc tag at the C-terminus. The protein has a calculated MW of 34.7 kDa. The protein migrates as 40-45 kDa and 50-65 kDa under reducing (R) condition due to glycosylation.
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Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
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Buffer:	PBS, 0.2M Arginine, pH 7.4
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Storage:	-20 °C
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Storage Comment:	-20°C
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