

Datasheet for ABIN6964263

Gastrin Protein (GAST) (Fc Tag)[Go to Product page](#)**1** Image

Overview

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|-------------------------------|---|
| Quantity: | 100 µg |
| Target: | Gastrin (GAST) |
| Origin: | Human |
| Source: | HEK-293 Cells |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This Gastrin protein is labelled with Fc Tag. |

Product Details

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|------------------|---|
| Purpose: | Recombinant Human GAST with C-terminal human Fc tag |
| Specificity: | GAST (Ser22-Phe92) hFc (Glu99-Ala330) |
| Characteristics: | Extracellular Domain Protein |
| Purification: | affinity purification |
| Purity: | The purity of the protein is greater than 95 % as determined by SDS-PAGE and Coomassie blue staining. |

Target Details

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|-------------------|---|
| Target: | Gastrin (GAST) |
| Alternative Name: | GAST (GAST Products) |
| Background: | Synonyms: GAS Description: 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 |

Target Details

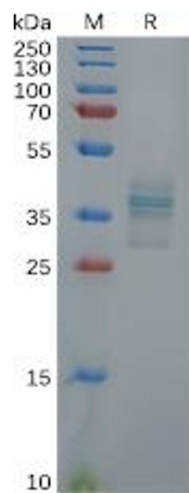
| | |
|-------------------|--|
| | acts as a mitogenic factor for gastrointestinal epithelial cells. Gastrin has two biologically active peptide forms, G34 and G17. [provided by RefSeq, Jul 2008] |
| Molecular Weight: | predicted molecular mass of 34.2 kDa after removal of the signal peptide. The apparent molecular mass of GAST-hFc is 25-55 kDa due to glycosylation. |
| UniProt: | P01350 |

Application Details

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| Application Notes: | Optimal working dilution should be determined by the investigator. |
| Restrictions: | For Research Use only |

Handling

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| Format: | Lyophilized |
| Reconstitution: | Reconstitute with deionized water |
| Buffer: | Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization. |
| Preservative: | Without preservative |
| Storage: | -20 °C, -80 °C |
| Storage Comment: | 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. |
| Expiry Date: | 12 months |



SDS-PAGE

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