

Recombinant Human Gastrin protein (rFc Tag)

Catalog Number: Eg3089

Basic Information

Species:
Human**Purity:**
>90 %, SDS-PAGE**Tag:**
rFc Tag

Technical Specifications

Purity:

>90 %, SDS-PAGE

Endotoxin Level:

<0.1 EU/ µg protein, LAL method

Source:

HEK293-derived Human Gastrin protein Ser22-Asn101 (Accession# P01350) with a rabbit IgG Fc tag at the C-terminus.

GeneID:

2520

Accession:

P01350

Predicted Molecular Mass:

34.7 kDa

SDS-PAGE:

37-43 kDa, reducing (R) conditions

Formulation:

Lyophilized from 0.22 µm filtered solution in PBS, pH 7.4. Normally 5% trehalose and 5% mannitol are added as protectants before lyophilization.

Biological Activity

Not tested

Storage and Shipping

Storage:

It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

- Until expiry date, -20°C to -80°C as lyophilized proteins.
- 3 months, -20°C to -80°C under sterile conditions after reconstitution.

Shipping:

The product is shipped at ambient temperature. Upon receipt, store it immediately at the recommended temperature.

Reconstitution

Briefly centrifuge the tube before opening. Reconstitute at 0.1-0.5 mg/mL in sterile water.

Background

Gastrin is a hormone produced primarily by G-cells in the stomach, where it functions to stimulate acid secretion by gastric parietal cells. Gastrin is a promiscuous hormone. Thus, the gastrin gene is expressed in common cancers such as bronchogenic, colorectal, ovarian and pancreatic carcinomas.

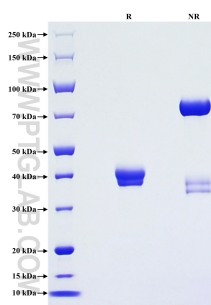
References

1. Debas, H T. Clinical and investigative medicine. Medecine clinique et experimentale vol. 10,3 (1987): 222-5.
2. Varro, Andrea, and Joy E S Ardill. Annals of clinical biochemistry vol. 40,Pt 5 (2003): 472-80.
3. Dockray, Graham et al. Pflugers Archiv : European journal of physiology vol. 449,4 (2005): 344-55.

Synonyms

GAST

Selected Validation Data



Purity of Recombinant Human Gastrin was determined by SDS-PAGE. The protein was resolved in an SDS-PAGE in reducing (R) and non-reducing (NR) conditions and stained using Coomassie blue.

For technical support and original validation data for this product please contact

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