Recombinant Human Gastrin-releasing peptide /GRP Protein

Catalog No.: RP01845

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Sequence Information

Species
Human

Gene ID
2922

Swiss Prot
P07492

Tags
C-hFc

Synonyms
BN; GRP-10; proGRP; preproGRP; Gastrin-releasing peptide;GRP; progastrin-releasing peptide

Product Information

Source
HEK293 cells

Purification
≥ 90 % as determined by SDS-PAGE.

Calculated MW
39.90 kDa

Observed MW
45-55 kDa

Endotoxin
< 0.1 EU/μg of the protein by LAL method.

Formulation
Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4.

Reconstitution
Centrifμge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stablizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Background

Gastrin-releasing peptide (GRP) is a neuropeptide with growth-stimulatory and tumorigenic properties, and neuropeptides have previously been suggested to play a role in the complex cascade of chemical activity associated with periodontal inflammation.

Basic Information

Description
Recombinant Human Gastrin-releasing peptide/GRP Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Arg22-Gly148) of human Gastrin-releasing peptide/GRP (Accession #) fused with a hFc tag at the C-terminus.

Activity

Shipping
Lyophilized proteins are shipped at ambient temperature.
Liquid proteins are shipped at frozen temperature with dry ice.
Upon receipt, store it immediately at the temperature recommended below.

Storage
Store at -20℃

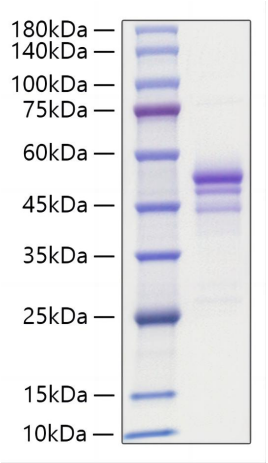
Operational Notes
For your safety and health, please wear a lab coat and disposable gloves for handling.

Contact

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Validation Data



Recombinant Human Gastrin-releasing peptide/GRP Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.