Leader in Biomolecular Solutions for Life Science

www.abclonal.com

Recombinant Human Gastrin-releasing peptide/GRP Protein

Catalog No.: RP01845 Recombinant

Sequence Information

Species	Gene ID	Swiss Prot
Human	2922	P07492

Tags
C-hFc

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

Product Information

Source	Purification
HEK293 cells	

Calculated MW	Observed MW
39.90 kDa	45-55 kDa

Endotoxin
< 0.1 EU/μg

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.

Contact

400-999-6126

cn.market@abclonal.com.cn

www.abclonal.com.cn

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.

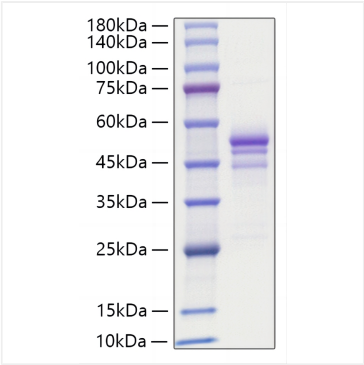
Basic Information

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.

Bio-Activity

Storage
Store at -20℃.Store the lyophilized protein at -20℃ to -80 ℃ up to 1 year from the date of receipt.
After reconstitution, the protein solution is stable at -20℃ for 3 months, at 2-8℃ for up to 1 week.
Avoid repeated freeze/thaw cycles.

Validation Data



Recombinant Human Gastrin-releasing peptide/GRP Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 45-60 kDa