

Recombinant Human GRP protein, His-tagged

Cat. No. GRP-13547H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human GRP protein(1-148 aa), fused with N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-148 aa
Tag	N-His
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage. After reconstitution with sterile water, if glycerol has no effect on subsequent experiments, it is recommended to add an equal volume of glycerol for long-term storage.

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AA Sequence MRGRELPLVLLALVLCLAPRGRAVPLPAGGGTVLTKMYPRGNHWAVGHLMGKKST
GESSVSERGLKQQLREYIRWEEAARNLLGLIEAKENRNHQPPQPKALGNQQPS
WDSEDSSNFKDVGSKGKVGRLSAPGSQREGRNPQLNQQ

GENE INFORMATION

Gene Name GRP gastrin-releasing peptide [Homo sapiens]

Official Symbol GRP

Synonyms GRP; gastrin-releasing peptide; bombesin; neuromedin C; pre-progastrin releasing peptide; BN; GRP-10; proGRP; preproGRP;

Gene ID 2922

mRNA Refseq NM_001012512

Protein Refseq NP_001012530

MIM 137260

UniProt ID P07492

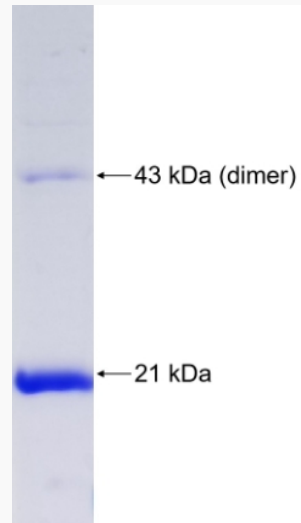
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SDS-PAGE



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