

Recombinant Human GRP protein, GST-tagged

Cat. No. GRP-5417H Lot. No. (See product label)

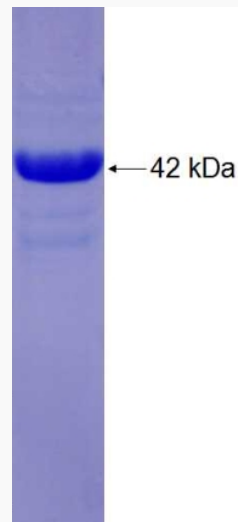
SPECIFICATION

Product Overview	Recombinant Human GRP protein(1-148 aa), fused with N-terminal GST tag, was expressed in E. coli.
ProteinLength	1-148 aa
Tag	N-GST
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	90%, 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.
AA Sequence	MRGRELPLVLLALVLCLAPRGRAVPLPAGGGTVLTKMYPRGNHWAVGHLMGKKST GESSVSERGLKQQLREYIRWEEAARNLLGLIEAKENRNHQPQPKALGNQQPS WDESDSSNFKDVGSKGKVGRLSAPGSQREGRNPQLNQQ

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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**SDS-PAGE** Tel: 1-631-559-9269 1-516-512-3133 Email: info@creative-biomart.com  Fax: 1-631-938-8127 45-1 Ramsey Road, Shirley, NY 11967, USA