

Recombinant Rat Grp Protein, His-tagged

Cat. No. Grp-1595R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Grp Protein (Ala24-Ser147) with N-His tag was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Ala24-Ser147
Description	Predicted to enable neuropeptide hormone activity. Involved in neuropeptide signaling pathway. Predicted to be located in secretory granule lumen. Predicted to be active in extracellular space. Orthologous to human GRP (gastrin releasing peptide).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 17 kDa Accurate Molecular Mass: 17 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

 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

Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in PBS or others.

GENE INFORMATION

Gene Name	Grp gastrin releasing peptide [Rattus norvegicus (Norway rat)]
Official Symbol	Grp
Synonyms	Grp; gastrin releasing peptide; gastrin-releasing peptide
Gene ID	171101
mRNA Refseq	NM_133570
Protein Refseq	NP_598254
UniProt ID	P24393

 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