

## Recombinant Rat Grp Protein, His-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Rat Grp Protein (Ala24-Ser147) with N-His tag was expressed in E. coli.
<b>Species</b>	Rat
<b>Source</b>	E.coli
<b>ProteinLength</b>	Ala24-Ser147
<b>Description</b>	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).
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	Predicted Molecular Mass: 17 kDa Accurate Molecular Mass: 17 kDa
<b>Purity</b>	> 90%
<b>Applications</b>	Positive Control; Immunogen; SDS-PAGE; WB.
<b>Stability</b>	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.

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

## GENE INFORMATION

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

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