Recombinant Rat Grb14 protein, His & T7-tagged

Cat. No. Grb14-1737R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Grb14 aa. (Ser264~Val538 (Accession # O88900)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Ser264~Val538 (Accession # O88900)
Description	Member of the Grb7 subfamily of adapters; functions as inhibitor in insulin-mediated pathways.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 34.6kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>90%
Applications	SDS-PAGE; WB; ELISA; IP.
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°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less

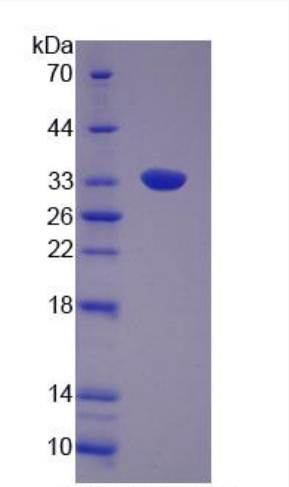
Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% trehalose, and preservative.
Reconstitution	Reconstitute in sterile ddH2O.
Isoelectric Point	9.3

GENE INFORMATION

Gene Name	Grb14 growth factor receptor bound protein 14 [Rattus norvegicus (Norway rat)]
Official Symbol	Grb14
Synonyms	Grb14; growth factor receptor bound protein 14; growth factor receptor-bound protein 14; GRB14 adapter protein
Gene ID	58844
mRNA Refseq	NM_031623.1
Protein Refseq	NP_113811.1
UniProt ID	O88900

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SDS-PAGE	 15% SDS-PAGE

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