

Recombinant Rat Gbp2 protein, His & T7-tagged

Cat. No. Gbp2-1261R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Gbp2 aa. (Asn35~Ala276 (Accession # Q63663) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Asn35~Ala276
Description	In vitro substrate for isoprenylation by geranylgeranylpyrophosphate.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 31.0kDa.
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>90%
Characteristic	The isoelectric point is 6.5.
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein

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at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less 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.

GENE INFORMATION

Gene Name

Gbp2 guanylate binding protein 2 [*Rattus norvegicus* (Norway rat)]

Official Symbol

Gbp2

Synonyms

Gbp2; guanylate binding protein 2; guanylate-binding protein 1; GBP-2; GTP-binding protein 2; guanine nucleotide-binding protein 2; guanylate binding protein 2, interferon-inducible; guanylate nucleotide binding protein 2; interferon-induced guanylate-binding protein 2; isoprenylated 67 kDa protein; p67

Gene ID

171164

mRNA Refseq

NM_133624.2

Protein Refseq

NP_598308.1

UniProt ID

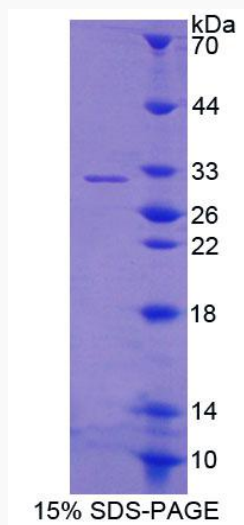
Q63663

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SDS-PAGE



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