Recombinant Rat Gfm2 protein, His & T7-tagged

Cat. No. Gfm2-1733R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Gfm2 aa. (Asn569~Leu779 (Accession # Q5BJP6)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Asn569~Leu779
Form	Freeze-dried powder
Molecular Mass	30kDa as determined by SDS-PAGE reducing conditions.
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 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

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	-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	5.6

GENE INFORMATION

Gene Name	Gfm2 G elongation factor, mitochondrial 2 [Rattus norvegicus (Norway rat)]
Official Symbol	Gfm2
Synonyms	Gfm2; G elongation factor, mitochondrial 2; RGD1309854; ribosome-releasing factor 2, mitochondrial; EF-G2mt; RRF2mt; elongation factor G 2, mitochondrial; mEF-G 2
Gene ID	294672
mRNA Refseq	NM_001100665.1
Protein Refseq	NP_001094135.1
UniProt ID	Q5BJP6

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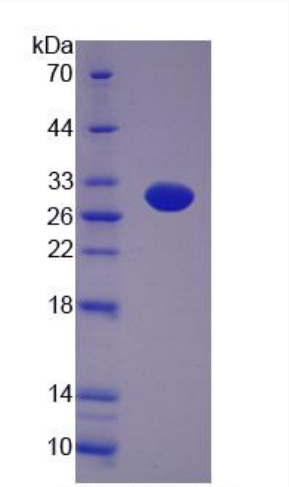
SDS-PAGE	 15% SDS-PAGE

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