

Recombinant Rat Mtif2 protein, His & GST-tagged

Cat. No. Mtif2-7964R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Mtif2 aa. (Met1~Arg201 (Accession # Q68FQ5)) fused with N-terminal His & GST tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Met1~Arg201
Description	Member of the p160 family of nuclear receptor coactivators; during protein biosynthesis, Mtif2 catalyzes the binding of the tRNA to the small subunit of the ribosome in a GTP-dependent manner.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 53.1kDa.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>90%
Characteristic	The isoelectric point is 9.9.
Applications	SDS-PAGE; WB; ELISA; IP.

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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 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 ddH ₂ O.

GENE INFORMATION

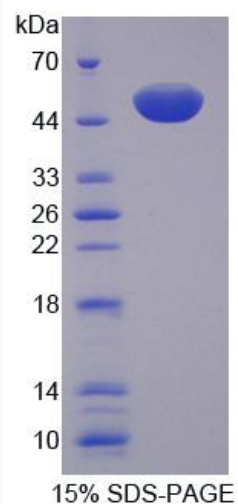
Gene Name	Mtif2 mitochondrial translational initiation factor 2 [Rattus norvegicus (Norway rat)]
Official Symbol	Mtif2
Synonyms	Mtif2; mitochondrial translational initiation factor 2; translation initiation factor IF-2, mitochondrial
Gene ID	305606
mRNA Refseq	NM_001004254.1
Protein Refseq	NP_001004254.1
UniProt ID	Q68FQ5

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SDS-PAGE



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