Recombinant Rat Tfam Protein, His/GST-tagged

Cat. No. Tfam-656R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Tfam(Ser43-Asn244) fused with His/GST tag at N-terminal was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Ser43-Asn244
Form	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Molecular Mass	50.4kDa
Endotoxin	<1.0EU per 1μg (determined by the LAL method)
Purity	> 98%
Applications	Positive Control; Immunogen; SDS-PAGE; WB. If bio-activity of the protein is needed, please check active protein.
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 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.

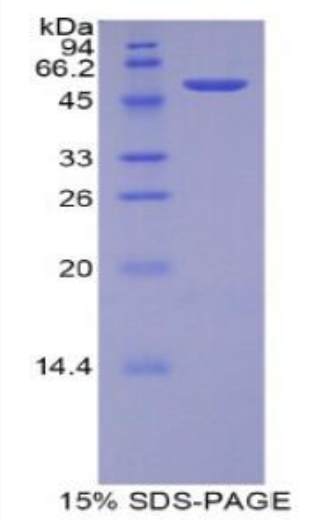
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Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name	Tfam transcription factor A, mitochondrial [Rattus norvegicus]
Official Symbol	Tfam
Synonyms	TFAM; transcription factor A, mitochondrial; Mttfa;
Gene ID	83474
mRNA Refseq	NM_031326
Protein Refseq	NP_112616
UniProt ID	Q91ZW1

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