

Recombinant Mouse Tfam Protein, His/GST-tagged

Cat. No. Tfam-655M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Tfam(Ser43-His243) fused with His/GST tag at N-terminal was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Ser43-His243
Form	100mMNaHCO ₃ , 500mMNaCl, pH8.3, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Molecular Mass	50.6kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	> 92%
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 100mM NaHCO₃, 500mM NaCl (pH8.3) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name Tfam transcription factor A, mitochondrial [*Mus musculus*]

Official Symbol Tfam

Synonyms TFAM; transcription factor A, mitochondrial; TS-HMG; testis-specific HMG-box protein m-tsHMG; testis-specific high mobility group protein; Hmgts; mtTFA; tsHMG; AI661103;

Gene ID 21780

mRNA Refseq NM_009360

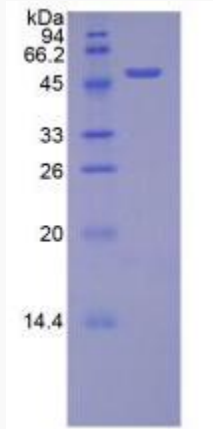
Protein Refseq NP_033386

UniProt ID P40630

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