

Transcription Factor A, Mitochondrial (TFAM) Recombinant Protein | TFAM recombinant protein

Recombinant Transcription Factor A, Mitochondrial (TFAM)

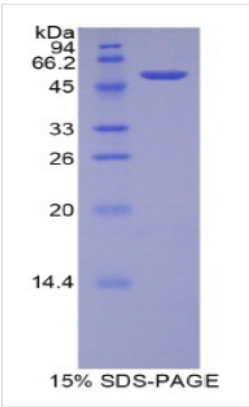
CATALOG # AAA134511	HOST E.coli	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

Transcription Factor A; Mitochondrial (TFAM); Recombinant Transcription Factor A; TFAM recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Purity/Purification	> 97%
Concentration	Original Concentration 200 ug/mL (varies by lot)
Applicable Applications for TFAM recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Organism Species	Rattus norvegicus (Rat)
Source	Prokaryotic expression
Residues	Ser43.Asn244
Tags	N.terminal His and GST Tag
Subcellular Location	Mitochondrion
Traits	Freeze.dried powder
Buffer formulation	20mM Tris, 150mM NaCl, pH8.0, containing 0.01% SKL, 5% Trehalose.
Predicted isoelectric point	9.2
Predicted Molecular Mass	53.7kDa
Accurate Molecular Mass	53kDa as determined by SDS.PAGE reducing conditions.
USAGE	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1.1.0 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2.8°C for one month. Aliquot and store at -80°C for 12 months. Stability Test: 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



SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	13786148
NCBI GeneID	83474
NCBI Accession #	NP_112616.1
NCBI GenBank Nucleotide #	NM_031326.1
UniProt Accession #	Q91ZW1; Q9WTM7
NCBI Official Full Name	transcription factor A, mitochondrial
NCBI Official Synonym Full Names	transcription factor A, mitochondrial
NCBI Official Symbol	Tfam
NCBI Official Synonym Symbols	Mttfa
NCBI Protein Information	transcription factor A, mitochondrial
UniProt Protein Name	Transcription factor A, mitochondrial
UniProt Gene Name	Tfam
UniProt Synonym Gene Names	mtTFA
UniProt Entry Name	TFAM_RAT

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.