

Transcription factor A, mitochondrial (Tfam) Recombinant Protein | Tfam recombinant protein

Recombinant Mouse Transcription factor A, mitochondrial (Tfam)

CATALOG # AAA113811	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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PRODUCT SYNONYMS

Transcription factor A; mitochondrial (Tfam); Recombinant Mouse Transcription factor A; Tfam recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	43-243aa; Full Length of Mature Protein
Sequence	SSMGSYPKKP MSSYLRSTE QLPKFKAHP DAKLSELRK IAALWRELPE AEKKVYEADF KAEWKAYKEA VSKYKEQLTP SQLMGMEKEA RQRRLKKKAL VKRRELILLG KPKRPR SAYN IYVSESFQEA KDDSAQGLK LVNEAWKNLS PEEKQAYIQL AKDDRIRYDN EMKSWEEQMA EVGRSDLIRR SVKRSGDISE H
Species	Mouse
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

ADDITIONAL INFORMATION

Related Product Information for Tfam recombinant protein	This gene encodes a mitochondrial transcription factor that is a key activator of mitochondrial transcription as well as a participant in mitochondrial genome replication. Studies in mice have demonstrated that this gene product is required to regulate the mitochondrial genome copy number and is essential for embryonic development. A mouse model for Kearns-Sayre syndrome was produced when expression of this gene was eliminated by targeted disruption in heart and muscle cells.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6678303
NCBI GeneID	21780
NCBI Accession #	NP_033386.1
NCBI GenBank Nucleotide #	NM_009360.4
UniProt Accession #	P40630; P97894; P97906; Q543I8; Q9DBM9
Molecular Weight	25,036 Da
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	Hmgts; mtTFA; tsHMG; AI661103

NCBI Protein Information	transcription factor A, mitochondrial
UniProt Protein Name	Transcription factor A, mitochondrial
UniProt Gene Name	Tfam
UniProt Synonym Gene Names	Hmgts; mtTFA; TS-HMG

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.

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Online datasheet: <https://stage.aaabiotech.com/tfam-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/113811>