

Transcription Factor-A Recombinant Protein | TFAM recombinant protein

Recombinant Human Transcription Factor-A

CATALOG #
AAA38908

HOST
E Coli

PRODUCT SYNONYMS

Transcription Factor-A; Recombinant Human Transcription Factor-A; TFAM Human; Transcription Factor-A Recombinant Human; Transcription factor A; mitochondrial; TCF6; TCF6L2; Mitochondrial transcription factor 1; Transcription factor 6-like 2; MtTF1; mtTFA; TCF6L1; TCF6L3; TFAM recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 85% as determined by SDS-PAGE.
Form/Format	The TFAM protein solution (0.25mg/1ml) is formulated in 20 mM Tris-HCl buffer (pH8.0), 0.2M NaCl, 5mM DTT and 20% glycerol.
Sequence	MGSSHHH HHHSSGLVPR GSHMSS VLASCPKPKPV SSYLRFSEKQ LPIFKAQNPDK AKTTELIRRI AQRWRELPDS KKKIYQDAYR AEWQVYKEEI SRFKEQLTPS QIMSLEKEIM DKHLKRKAMT KKKELTLLGK PKRPRSAYNV YVAERFQEAQ GDSPQEKLKT VKENWKNLSD SEKELIYQHA KEDETRYHNE MKSWEEQMIE VGRKDLLRRT IKKQRKYGAE EC
Sequence Length	214
Physical Activity	Sterile Filtered clear solution.
Preparation and Storage	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. Please avoid freeze thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for TFAM recombinant protein	Description: TFAM produced in E Coli is a single, non-glycosylated polypeptide chain containing 225 amino acids (43-246.a.a) and having a molecular mass of 26.6kDa. TFAM is fused to a 21 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. Introduction: TFAM is a mitochondrial transcription factor which is a main activator of mitochondrial transcription and is also a participant in mitochondrial genome replication. TFAM is situated primarily in the nuclei of elongated spermatids and takes part in the regulation of gene expression of the haploid male genome. TFAM is linked to mitochondrial disorder in humans characterized by ocular myopathy, exercise intolerance and muscle wasting.
Product Categories/Family for TFAM recombinant protein	Recombinant & Natural Proteins ; Recombinant Proteins

NCBI AND UNIPROT INFORMATION

NCBI GI #	399498566
NCBI GeneID	7019
NCBI Accession #	NP_001257711.1
NCBI GenBank Nucleotide #	NM_001270782.1
UniProt Accession #	Q00059 ; Q5U0C6 ; A8MRB2 ; A9QXC6 ; B5BU05
NCBI Official Full Name	transcription factor A, mitochondrial isoform 2

NCBI Official Synonym Full Names	transcription factor A, mitochondrial
NCBI Official Symbol	TFAM
NCBI Official Synonym Symbols	TCF6; MTTF1; MTTFA; TCF6L1; TCF6L2; TCF6L3
NCBI Protein Information	transcription factor A, mitochondrial; mitochondrial transcription factor 1; mitochondrial transcription factor A; transcription factor 6; transcription factor 6-like 1; transcription factor 6-like 2 (mitochondrial transcription factor); transcription factor 6-like 3
UniProt Protein Name	Transcription factor A, mitochondrial
UniProt Gene Name	TFAM
UniProt Synonym Gene Names	TCF6; TCF6L2; mtTFA; MtTF1; TCF-6
UniProt Entry Name	TFAM_HUMAN

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/tfam-recombinant-protein-e-coli/38908>