9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

TFAM Human

Transcription Factor-A Recombinant Human
RCP2352

Product Overview

Name	TFAM Human
Description	
Transcription Factor-A Recombinant Human	
Accession (Primary)	Q00059
Synonyms	
Transcription factor A, mitochondrial, TCF6, TCF6L2, Mitochondrial transcription factor 1, Transcription factor 6-like 2, MtTF1, mtTFA, TCF6L1, TCF6L3.	
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.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered clear solution.	
Formulation	
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.	
Stability	
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.	
Purity	
Greater than 90% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGS H M SSVLASCPK KPVSSYLRFS KEQLPIFKAQ NPDAKTTELI RRIAQRWREL PDSKKKIYQD AYRAEWQVYK EEISRFKEQL TPSQIMSLEK EIMDKHLKRK AMTKKKELTL LGKPKRPRSA YNVYVAERFQ EAKGDSPQEK LKTVKENWKN LSDSEKELYI QHAKEDETRY HNEMKSWEEQ MIEVGRKDLL	

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RRTIKKQRKY GAEEC

Precautions

TFAM Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q00059)