

Product datasheet for **AR09837PU-N**

TFAM / TCF6 (43-246, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	TFAM / TCF6 (43-246, His-tag) human recombinant protein, 50 µg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	<u>MGSSHHHHHH SSGLVPRGSH</u> <u>MSSVLASCPK</u> KPVSYLRFK KEQLPIFKAQ NPDAKTTELI RRIAQRWREL PDSKKKIYQD AYRAEWQVYK EISRFKEQL TPSQIMSLEK EIMDKHLKRRK AMTKKKELTL LGKPKRPRSA YNVYVAERFQ EAKGDSPQEK LKTVKENWKN LSDSEKELYI QHAKEDETRY HNEMKSWEEQ MIEVGRKDLL RRTIKKQRKY GAEEC
Tag:	His-tag
Predicted MW:	26.6 kDa
Concentration:	lot specific
Purity:	>85%
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.2M NaCl, 5 mM DTT, 20% glycerol
Preparation:	Liquid purified protein
Protein Description:	Recombinant human TFAM protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<u>NP_001257711</u>
Locus ID:	7019
UniProt ID:	<u>Q00059</u>
Cytogenetics:	10q21.1
Synonyms:	MTDPS15; MTTF1; MTTFA; TCF6; TCF6L1; TCF6L2; TCF6L3



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Summary:

This gene encodes a key mitochondrial transcription factor containing two high mobility group motifs. The encoded protein also functions in mitochondrial DNA replication and repair. Sequence polymorphisms in this gene are associated with Alzheimer's and Parkinson's diseases. There are pseudogenes for this gene on chromosomes 6, 7, and 11. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Aug 2012]

Protein Families:

Druggable Genome, Transcription Factors

Protein Pathways:

Huntington's disease

Product images: