

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 E. coli **Expression Host:** MGSSHHHHHH SSGLVPRGSH MSSVLASCPK KPVSSYLRFS KEQLPIFKAQ NPDAKTTELI Expression cDNA Clone or AA Sequence: RRIAQRWREL PDSKKKIYQD AYRAEWQVYK EEISRFKEQL TPSQIMSLEK EIMDKHLKRK AMTKKKELTL LGKPKRPRSA YNVYVAERFQ EAKGDSPQEK LKTVKENWKN LSDSEKELYI QHAKEDETRY HNEMKSWEEQ MIEVGRKDLL RRTIKKQRKY GAEEC Tag: His-tag Predicted MW: 26.6 kDa **Concentration:** lot specific >85% **Purity: 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. Shelf life: one year from despatch. Stability: **RefSeq:** NP 001257711 7019 Locus ID: **UniProt ID:** Q00059 Cytogenetics: 10q21.1 Synonyms: MTDPS15; MTTF1; MTTFA; TCF6; TCF6L1; TCF6L2; TCF6L3



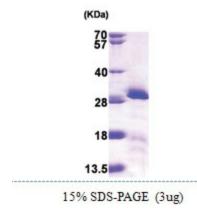
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Summary:	This gene encodes a key mitochondrial transcription factor containing two high mobility group motifs. The encoded protein also functions in mitochondrial DNA replication and repair. Sequence polymorphisms in this gene are associated with Alzheimer's 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	s: Druggable Genome, Transcription Factors
Protein Pathwa	ys: Huntington's disease

Product images:



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