

## **Product datasheet for TP761170**

## OriGene Technologies, Inc.

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## mtTFA (TFAM) (NM\_003201) Human Recombinant Protein

**Product data:** 

**Product Type:** Recombinant Proteins

**Description:** Purified recombinant protein of Human transcription factor A, mitochondrial (TFAM), nuclear

gene encoding mitochondrial protein, full length, with N-terminal HIS tag, expressed in E. coli,

50ug

Species: Human

**Expression Host:** E. coli

Expression cDNA Clone

or AA Sequence:

A DNA sequence encoding human full-length TFAM

Tag: N-His

**Predicted MW:** 24.4 kDa

**Concentration:** >0.05 μg/μL as determined by microplate BCA method

**Purity:** > 80% as determined by SDS-PAGE and Coomassie blue staining

**Buffer:** 50 mM Tris-HCl, pH 8.0, 8 M urea

**Note:** For testing in cell culture applications, please filter before use. Note that you may experience

some loss of protein during the filtration process.

Storage: Store at -80°C.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and

handling conditions. Avoid repeated freeze-thaw cycles.

RefSeq: NP 003192

**Locus ID:** 7019

UniProt ID: Q00059, E5KSU5

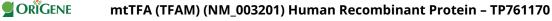
RefSeq Size: 1936

Cytogenetics: 10q21.1

RefSeq ORF: 738

Synonyms: MTDPS15; MTTF1; MTTFA; TCF6; TCF6L1; TCF6L2; TCF6L3





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:**

