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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

TFAM (Human) Recombinant Protein (P01)

Catalog Number: H00007019-P01

Regulation Status: For research use only (RUO)

Product Description: Human TFAM full-length ORF (BAG35455.1, 1 a.a. - 246 a.a.) recombinant protein with GST tag at N-terminal.

Sequence:

MAFLRSMWGVLSALGRSGAELCTGCGSRLRSPFSFV
YLPRWFSSVLASCPKPPVSSYLRFQSKEQLPIFKAQNPD
AKTTELIRRIAQRWRELPDSKKKIYQDAYRAEWQVYKE
EISRFKEQLTPSQIMSLEKEIMDKHLKRKAMTKKELTL
LGKPKRPRSAYNVYVAERFQEAAGDSPQEKLKTVKEN
WKNLSDSEKELYIQHAKEDETRYHNEMKSWEEQMIEV
GRKDLLRRTIKKQRKYGAEEC

Theoretical MW (kDa): 53.46

Interspecies Antigen Sequence: Mouse (63)

Applications: AP, Array, ELISA, WB-Re
(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

Storage Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 7019

Gene Symbol: TFAM

Gene Alias: MtTF1, TCF6, TCF6L1, TCF6L2, TCF6L3, mtTFA

Gene Summary: This gene encodes a mitochondrial transcription factor that is a key activator of mitochondrial transcription as well as a participant in mitochondrial genome replication. Studies in mice have demonstrated that this gene product is required to regulate the mitochondrial genome copy number and is essential for embryonic development. A mouse model for Kearns-Sayre syndrome was produced when expression of this gene was eliminated by targeted disruption in heart and muscle cells. [provided by RefSeq]