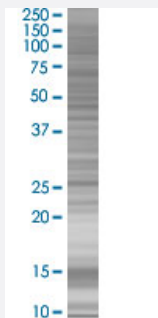


TFAM 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00007019-T01

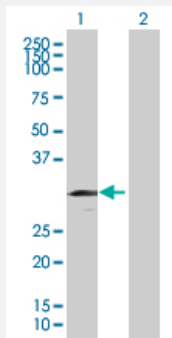
Size 100 uL

Applications



SDS-PAGE Gel

TFAM transfected lysate.



Western Blot

Lane 1: TFAM transfected lysate (27.17 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line 293T

Plasmid pCMV-TFAM full-length

Host Human

Theoretical MW (kDa) 27.17

Interspecies Antigen Sequence Mouse (63)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-TFAM antibody ([H00007019-B01](#)) by Western Blots.
SDS-PAGE Gel
TFAM transfected lysate.
Western Blot
Lane 1: TFAM transfected lysate (27.17 KDa)
Lane 2: Non-transfected lysate.

Storage Buffer

1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

Storage Instruction

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

Applications

- Western Blot

Gene Info — TFAM

Entrez GeneID[7019](#)**GeneBank Accession#**[NM_003201.1](#)**Protein Accession#**[-](#)**Gene Name**

TFAM

Gene Alias

MTF1, TCF6, TCF6L1, TCF6L2, TCF6L3, mtTFA

Gene Description

transcription factor A, mitochondrial

Omim ID[600438](#)**Gene Ontology**[Hyperlink](#)**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]

Other Designations

OTTHUMP00000019633[Transcription factor 6-like 2 (mitochondrial transcription factor)]mitochondrial transcription factor A

Disease

- [Alzheimer disease](#)
- [Birth Weight](#)
- [Cardiomegaly](#)
- [Cardiovascular Diseases](#)
- [Cognition](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Genetic Predisposition to Disease](#)
- [Insulin Resistance](#)
- [Metabolic Syndrome X](#)
- [Neoplasms](#)
- [Obesity](#)
- [Osteoporosis](#)
- [Parkinson disease](#)
- [Psychiatric Status Rating Scales](#)