

Resource Summary Report

Generated by [NIF](#) on Sep 22, 2026

Human_TFAM_NoMTS_pET28

RRID:Addgene_34705

Type: Plasmid

Proper Citation

RRID:Addgene_34705

Plasmid Information

URL: <http://www.addgene.org/34705>

Proper Citation: RRID:Addgene_34705

Insert Name: TFAM

Organism: Homo sapiens

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:22037171](#)

Vector Backbone Description: Backbone Marker:Novagen; Backbone Size:5369; Vector Backbone:pET28a; Vector Types:Bacterial Expression; Bacterial Resistance:Kanamycin

Plasmid Name: Human_TFAM_NoMTS_pET28

Relevant Mutation: Encodes residues 43–246, corresponding to full-length TFAM after cleavage of the N-terminal mitochondrial leader sequence (residues 1–42)

Record Creation Time: 20220422T222148+0000

Record Last Update: 20260919T091721+0000

Ratings and Alerts

No rating or validation information has been found for Human_TFAM_NoMTS_pET28.

No alerts have been found for Human_TFAM_NoMTS_pET28.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 3 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#) .

King DE, et al. (2026) UV irradiation alters TFAM binding specificity and compaction of DNA. eLife, 14.

Mohammed I, et al. (2022) Catalytic cycling of human mitochondrial Lon protease. Structure (London, England : 1993), 30(9), 1254.

Burger M, et al. (2022) The TFAMoplex-Conversion of the Mitochondrial Transcription Factor A into a DNA Transfection Agent. Advanced science (Weinheim, Baden-Wurttemberg, Germany), 9(8), e2104987.