

Human TFAM Recombinant protein (GST tag)



Catalog Number: 513518

General Information

Gene Name Synonym:

mtTFA; Mitochondrial transcription factor 1;
MtTF1; Transcription factor 6; TCF-6;
Transcription factor 6-like 2

Protein Construction:

1-246 aa encoded by BC126366 was inserted into
PGEX-4T vector

Source: Human

Expression Host: E. coli

QC Testing

Activity:

Not tested.

Purity:

Endotoxin:

Please contact the lab for more information.

Stability:

Store for up to 12 months at -20°C to -80°C as
lyophilized powder.

Predicted N terminal:

Molecular Mass:

Formulation:

Protein lyophilized in sterile PBS (58 mM
Na₂HPO₄, 17 mM NaH₂PO₄, 68 mM NaCl, 100

mM GSH, pH 8.0). Trehalose (5-8%) and mannitol
(5-8%) protectants were added before
lyophilization.

Usage Guide

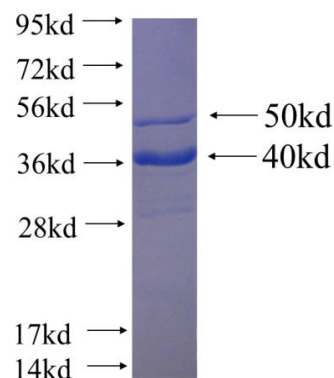
Storage:

Store it under sterile conditions at -20°C to -80°C.
It is recommended that the protein be aliquoted
for optimal storage. Avoid repeated freeze-thaw
cycles.

Reconstitution:

Reconstitute at 0.25 µg/µl in 200 µl sterile water
for short-term storage. Reconstitution with 200 µl
50% glycerol solution is recommended for longer
term storage (see Stability and Storage for more
details). If a different concentration is needed for
your purposes please adjust the reconstitution
volume as required (please note: the ion
concentration of the final solution will vary
according to the volume used). Note: Centrifuge
vial before opening. When reconstituting, gently
pipet and wash down the sides of the vial to
ensure full recovery of the protein into solution.

SDS-PAGE:



Recombinant human TFAM SDS-PAGE