

Enzymax, LLC
870 Corporate Drive, suite 201,
Lexington, KY 40503

Product Information

Product Name: Human mt TFB2 (native)
Catalog no#: 83
Size: 10 µg

Order: info@enzymax.net
Tel: 859-219-8482
Fax: 859-219-0653
Web: www.enzymax.net

Product: human mitochondrial transcription factor B2 (h-mtTFB2), recombinant protein without tag

Storage: Stable for 6 months at -70°C from date of shipment. Please aliquot to avoid repeated freezing and thawing.

Product Description or Background:

h-mtTFB2 is a protein found in human mitochondria. It is homologous to bacterial rRNA methyltransferases and is needed for mitochondrial transcription. h-mtTFB2 can stimulate promoter specific mtDNA transcription in a pure recombinant *in vitro* system containing mitochondrial RNA polymerase (h-mtRNAP) and mitochondrial transcription factor A (h-mtTFA).

Source: Recombinant h-mtTFB2 was expressed in and purified from *E. coli*.

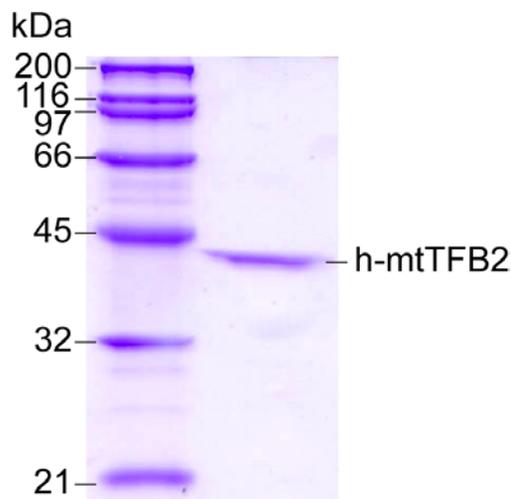
Molecular Weight:

h-mtTFB2 (42 kDa)

Presentation: Purified h-mtTFB2 is supplied at a concentration of 0.5 mg/ml in a buffer containing 10 mM Tris-HCl (pH 8.0), 1 mM DTT, 100 mM NaCl and 20% glycerol.

Purity: Apparent homogeneity by SDS-PAGE and Coomassie blue staining.

SDS-PAGE gel picture:



Purified h-mtTFB2.

h-mtTFB2 (500 ng) was analyzed by electrophoresis on a 15% SDS-polyacrylamide gel and visualized by staining with Coomassie blue. Protein size markers are indicated on the left.