

Transcription Factor B1, Mitochondrial Human Recombinant

Item Number	rAP-3653
Synonyms	Dimethyladenosine transferase 1 mitochondrial, Mitochondrial 12S rRNA dimethylase 1, Mitochondrial transcription factor B1, h-mtTFB, h-mtTFB1, hTFB1M, mtTFB1, S-adenosylmethionine-6-N'-N'-adenosyl (rRNA) dimethyltransferase 1, TFB1M, CGI-75, CGI75, mtTFB.
Description	TFB1M Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 340 amino acids (28-346 a.a.) and having a molecular mass of 38.8kDa. TFB1M is fused to a 21 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	Q8WVM0
Amino Acid Sequence	MGSSHHHHH SSGLVPRGSH MQAAKQLSQN FLLDLRLTDK IVRKAGNLTN AYYVEVGPGP GGI- TRSILNA DVAELLVVEK DTRFIPGLQM LSDAAPGKLR IVHGDVLTfK VEKAFSESLK RPWEDDPPNV HIIGNLPFSV STPLIIKWLE NISCRDGPfV YGRTQMTLTF QKEVAERLAA NTGSKQRSRL SVMAQYLCNV RHIFTIPGQA FVPKPEVDVG VVHFTPLIQP KIEQPfKlVE KVVQNVfQFR RKYCHRGLRM LFPEAQRLES TGRlLELADI DPTLRPRQLS ISHFkSLCDV YRKMCDedPQ LFAYNFREEL KRRKSKNEEK EED- DAENYRL.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered clear solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Formulation and Purity	TFB1M protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 20% glycerol, 0.1M NaCl and 1mM DTT. Greater than 90.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**