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TFB2M Protein (His tag)





Go to Product page

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Quantity:	100 μg
Target:	TFB2M
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This TFB2M protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Purification:	purified by chromatography
Purity:	> 90 % by SDS - PAGE

Target Details

Target:	TFB2M
Alternative Name:	TFB2M (TFB2M Products)
Background:	TFB2M is S-adenosyl-L-methionine-dependent methyltransferase which specifically
	dimethylates mitochondrial 12S rRNA at the conserved stem loop. This protein is also required
	for basal transcription of mitochondrial DNA, probably via its interaction with POLRMT and
	TFAM. TFB2M stimulates transcription independently of the methyltransferase activity.
	Compared to TFB1M, it activates transcription of mitochondrial DNA more efficiently, while it
	has less methyltransferase activity. Recombinant human TFB2M protein, fused to His-tag at N-

Target Details

	terminus, was expressed in E.coli and purified by using conventional chromatography techniques.	
Molecular Weight:	45.8 kDa (401aa) confirmed by MALDI-TOF	
NCBI Accession:	NP_071761	

Application Details

Comment:	Synonyms: Dimethyladenosine transferase 2, mitochondrial, Hkp1, mtTFB2
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/ml (determined by Bradford assay)
Buffer:	20 mM Tris-HCl buffer (pH 8.0) containing 0.15 M NaCl, 10% glycerol,1 MM DTT
Storage:	4 °C
Storage Comment:	Avoid repeated freezing and thawing cycles.

Images

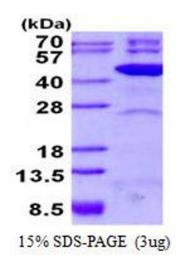


Image 1.