

Product datasheet for **AR39105PU-L**

TFB1M (28-346, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	TFB1M (28-346, His-tag) human recombinant protein, 0.25 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	<u>MGSSHHHHHH</u> <u>SSGLVPRGSH</u> <u>MQA</u> AKQLSQN FLLDLRLTDK IVRKAGNLTN AYYVEVGP GP GGITRSILNA DVAELLVVEK DTRFIPGLQM LSDAAPGKLR IVHGDVLTFF VEKAFSESLK RPWEDDPPNV HIIGNLPFSV STPLIKWLE NISCRDGPV YGRTQMTLTF QKEVAERLAA NTGSKQRSRL SVMAQYLCNV RHIFTIPGQA FVPKPEVDVG VVHFTPLIQP KIEQPFKLVE KVVQNVFQFR RKYCHRGLRM LFPQAQRLES TGRLLELADI DPTLRPRQLS ISHFKSLCDV YRKMCEDEPQ LFAYNFREEL KRRKSKNEEK EEDDAENYRL
Tag:	His-tag
Predicted MW:	38.8 kDa
Concentration:	lot specific
Purity:	>90%
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 20% glycerol, 0.1M NaCl, 1 mM DTT
Preparation:	Liquid purified protein
Protein Description:	Recombinant human TFB1M protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.
Storage:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<u>NP_001337430</u>
Locus ID:	51106
Cytogenetics:	6q25.3
Synonyms:	CGI-75; CGI75; mtTFB; mtTFB1



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Summary:

The protein encoded by this gene is a dimethyltransferase that methylates the conserved stem loop of mitochondrial 12S rRNA. The encoded protein also is part of the basal mitochondrial transcription complex and is necessary for mitochondrial gene expression. The methylation and transcriptional activities of this protein are independent of one another. Variations in this gene may influence the severity of aminoglycoside-induced deafness (AID). [provided by RefSeq, Aug 2010]

Protein Families:

Transcription Factors

Product images: