

Recombinant Human TFB1M protein ab113141

1 图像

描述	
产品名称	重组人TFB1M蛋白
纯度	> 90 % SDS-PAGE. ab113141 was purified using conventional chromatography.
表达系统	Escherichia coli
Accession	<u>Q8WVM0</u>
蛋白长度	Full length protein
无动物成分	No
性质	Recombinant
种属	Human
序列	MGSSHHHHHSSGLVPRGSHMQAAKQLSQNFLDLRLTDK IVRKAGNLTN AYVVEVGPGGGITRSIL NADVAELLVVEKDTRFIPGLQMLSDAAPGK LRIVHGDVLTFKVEKAFSESLKRPWEDDPPNVHIIGNLPFSV STP LII KWLENISCRDGPVYGRQTMTLTFQKEVAERLAANTGSKQRS RLSVMAQY LCNVRHIFTIPGQAFVPKPEVD VGVVHFTPLIQPKIEQPFKLVEKVQ NVFQFRRKYCHRLRMLFPEAQRLESTGRLLLEADIDPTLRP RQLSISH FKSLCDVYRKMCEDEPQLFAYNFREELKRRKSKNEEKEEDDA ENYRL
预测分子量	39 kDa including tags
氨基酸	28 to 346
标签	His tag N-Terminus

技术指标	
Our Abpromise guarantee covers the use of ab113141 in the following tested applications.	
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.	
应用	Functional Studies SDS-PAGE
质谱法	MALDI-TOF

形式	Liquid
制备和贮存	
稳定性和存储	<p>Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.</p> <p>pH: 8.00</p> <p>Constituents: 0.02% DTT, 0.32% Tris HCl, 20% Glycerol (glycerin, glycerine), 0.58% Sodium chloride</p>
常规信息	
功能	S-adenosyl-L-methionine-dependent methyltransferase which specifically dimethylates mitochondrial 12S rRNA at the conserved stem loop. Also required for basal transcription of mitochondrial DNA, probably via its interaction with POLRMT and TFAM. Stimulates transcription independently of the methyltransferase activity.
组织特异性	Ubiquitously expressed.
疾病相关	Note=Variations in TFB1M may influence the clinical expression of aminoglycoside-induced deafness caused by the A1555G mutation in the mitochondrial 12S rRNA.
序列相似性	Belongs to the methyltransferase superfamily. rRNA adenine N(6)-methyltransferase family. KsgA subfamily.
细胞定位	Mitochondrion.

图片



15% SDS-PAGE analysis of ab113141 (3μg)

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