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TFB1M, 28-346aa, Human, His tag, E.coli

产品货号: TP04182

第三版

别名:Dimethyladenosine transferase 1, TFB1M (Mitochondrial transcription factor B1)

描述:TFB1M belongs to the methyltransferase superfamily. TFB1M is a dimethyltransferase that methylates mitochondrial 12S rRNA at the conserved stem loop. This protein also is part of the basal mitochondrial transcription complex and is necessary for mitochondrial gene expression. TFB1M stimulates transcription independently of the methyltransferase activity. Recombinant human TFB1M protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.

配方:Liquid. 20mM Tris-HCl buffer (pH8.0) containing 20% glycerol, 0.1M NaCl, 1mM DTT

分子量:38.8 kDa (340aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHSSGLVPRGSHMQAAKQLSQNFLDLRLTDKIVRKAGNLTNAYVVEVGP GPGGITRSILNADVAELLVVE
KDTRFIPGLQMLSDAAPGKLRIVHGDLVTFKVEKAFSESLKRPWEDDPPNVHIIIGNLPFSVSTPLIIKWLENISCRDGPFVYG
RTQMTLTFQKEVAERLAANTGSKQRSRLSVMQAQYLCNVRHIFTIPGQAFVPKPEVDVGVVHFTPLIQPKIEQPFKLVEKVV
QNVFQFRRKYCHRGLRMLFPEAQRLESTGRLLELADIDPTLRPRLSISHFKSLCDVYRKMCEDEPQLFAYNFREELKRRKS
KNEEKEEDDAENYRL

纯度:> 95% by HPLC

浓度:0.5 mg/ml (determined by Bradford assay)

内毒素:<1.0 EU per 1 ug of protein (determined by LAL method)

存储:+4 ° C 保存 (1-2 周). 长期保存在-20 ° C或者-70 ° C. 避免反复冻融.