

Recombinant Human EMG1 protein ab130059

1 图像

描述

产品名称	重组人EMG1蛋白	
纯度	> 95 % SDS-PAGE. ab130059 is purified using conventional chromatography techniques.	
表达系统	Escherichia coli	
Accession	<u>Q92979</u>	
蛋白长度	Full length protein	
无动物成分	No	
性质	Recombinant	
种属	Human	
序列		MGSSHHHHHH SSGLVPRGSH MGSMAAPSDG FKPRERSGGE QAQWDALPP KRPRLGAGNK IGRRLIVVL EGASLETVKV GKTYELLNCD KHSILLKNG RDPGEARPD I THQSLLMLMD SPLNRAGLLQ VYIHTQKNVL IEVNPQTRIP RTFDRFCGLM VQLLHKLSVR AADGPQKLLK VIKNPVSDHF PVGCMKVGTS FSIPVVS DVR ELVPSSDPIV FVVGAF AHGK VSVEYTEK MV SISNYPLSAA LTCAKLTTAF EEVWGVI
预测分子量	29 kDa including tags	
氨基酸	1 to 244	
标签	His tag N-Terminus	

技术指标

Our **Abpromise guarantee** covers the use of **ab130059** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	SDS-PAGE
	Mass Spectrometry
质谱法	MALDI-TOF
形式	Liquid

制备和贮存

稳定性和存储

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.

pH: 8.00

Constituents: 0.02% DTT, 0.32% Tris HCl, 10% Glycerol (glycerin, glycerine), 0.58% Sodium chloride

常规信息

功能

S-adenosyl-L-methionine-dependent pseudouridine N(1)-methyltransferase that methylates pseudouridine at position 1248 (Psi1248) in 18S rRNA. Involved the biosynthesis of the hypermodified N1-methyl-N3-(3-amino-3-carboxypropyl) pseudouridine (m1acp3-Psi) conserved in eukaryotic 18S rRNA. Is not able to methylate uridine at this position (PubMed:20047967). Has also an essential role in 40S ribosomal subunit biogenesis independent on its methyltransferase activity, facilitating the incorporation of ribosomal protein S19 during the formation of pre-ribosomes.

疾病相关

Bowen-Conradi syndrome

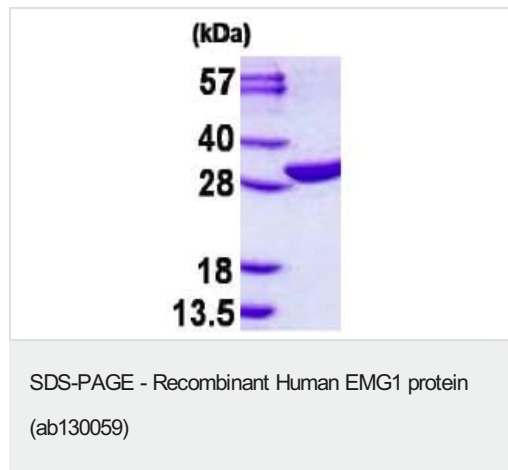
序列相似性

Belongs to the class IV-like SAM-binding methyltransferase superfamily. RNA methyltransferase NEP1 family.

细胞定位

Nucleus, nucleolus.

图片



15% SDS-PAGE showing ab130059 (3µg).

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