abcam

Product datasheet

Recombinant Human Mimitin protein ab109967

1 图像

描述

产品名称	重组人Mimitin蛋白
纯度	> 85 % SDS-PAGE. ab109967 was purified using conventional chromatography techniques.
表达系统	Escherichia coli
Accession	Q8N183
蛋白长度	Full length protein
无动物成分	No
性质	Recombinant
种属	Human
序列	**MGSSHHHHHHSSGLVPRGSH**MGWSQDLFRALWRSLSREVK EHVGTDQFGN KYYYIPQYKNWRGQTIREKRIVEAANKKEVDYEAGDIPTEWE AWIRRTRK TPPTMEEILKNEKHREEIKIKSQDFYEKEKLLSKETSEELLP PPVQTQIK GHASAPYFGKEEPSVAPSSTGKTFQPGSWMPRDGKSHNQ
预测分子量	22 kDa including tags
氨基酸	1 to 169
标签	His tag N-Terminus

技术指标

Our **Abpromise guarantee** covers the use of **ab109967** 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

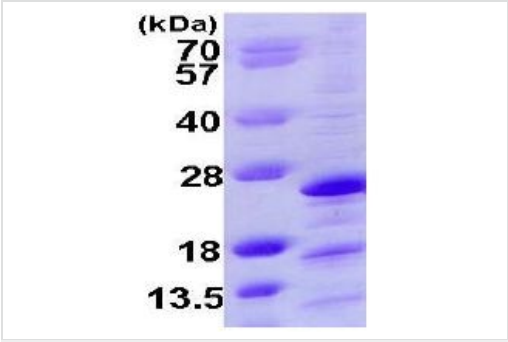
制备和贮存

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: 0.0154% DTT, 0.316% Tris HCl, 20% Glycerol (glycerin, glycerine), 0.116% Sodium chloride

常规信息

功能	Acts as a molecular chaperone for mitochondrial complex I assembly.
组织特异性	Highly expressed in ESCC cells. Also expressed in heart, skeletal muscle, liver, and in fibroblasts.
疾病相关	Defects in NDUFAF2 are a cause of mitochondrial complex I deficiency (MT-C1D) [MIM:252010]. A disorder of the mitochondrial respiratory chain that causes a wide range of clinical disorders, from lethal neonatal disease to adult-onset neurodegenerative disorders. Phenotypes include macrocephaly with progressive leukodystrophy, non-specific encephalopathy, cardiomyopathy, myopathy, liver disease, Leigh syndrome, Leber hereditary optic neuropathy, and some forms of Parkinson disease.
序列相似性	Belongs to the complex I NDUFA12 subunit family.
细胞定位	Mitochondrion.

图片



SDS-PAGE - Recombinant Human Mimitin protein (ab109967)

15% SDS-PAGE analysis of 3 µg ab109967.

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- We provide support in Chinese, English, French, German, Japanese and Spanish
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