

Recombinant Human DNAJC19 protein ab104153

1 图像

描述	
产品名称	重组人DNAJC19蛋白
纯度	> 90 % SDS-PAGE. purified by using anion-exchange chromatography (DEAE sepharose resin) and gel-filtration chromatography (Sephacryl S-200) with 20mM Tris pH 7.5, 2mM EDTA.
表达系统	Escherichia coli
Accession	<u>Q96DA6</u>
蛋白长度	Protein fragment
无动物成分	No
性质	Recombinant
种属	Human
序列	<div>MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD</div> <div>KDRWGSMGRY VLQAMKHMEP QVKQVFQSLP</div> <div>KSAFSGGYR GGFEPKMTKR EAALILGVSP</div> <div>TANKGKIRDA HRRIMLLNHP DKGGSPYIAA</div> <div>KINEAKDLLE GQAKK</div>
预测分子量	15 kDa including tags
氨基酸	19 to 116
标签	His tag N-Terminus , DDDDK tag N-Terminus
技术指标	
Our Abpromise guarantee covers the use of ab104153 in the following tested applications.	
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.	
应用	Mass Spectrometry
	SDS-PAGE
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.

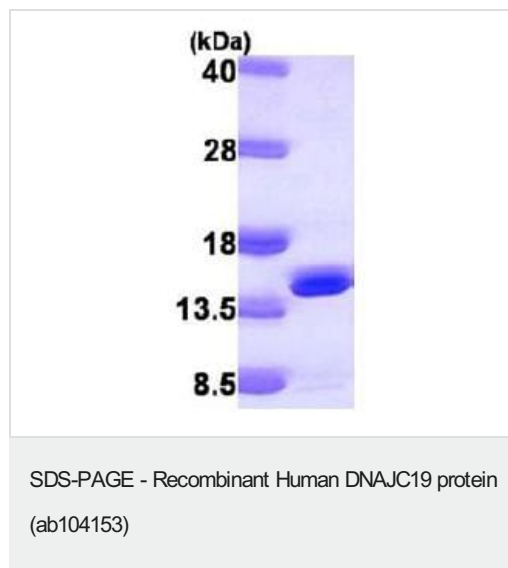
pH: 8.00

Constituents: 0.0308% DTT, 0.316% Tris HCl, 10% Glycerol (glycerin, glycerine), 0.58% Sodium chloride

常规信息

功能	Probable component of the PAM complex, a complex required for the translocation of transit peptide-containing proteins from the inner membrane into the mitochondrial matrix in an ATP-dependent manner. May act as a co-chaperone that stimulate the ATP-dependent activity.
组织特异性	Ubiquitously expressed.
疾病相关	Defects in DNAJC19 are the cause of 3-methylglutaconic aciduria type 5 (MGA5) [MIM:610198]; also known as dilated cardiomyopathy with ataxia (DCMA). MGA5 is an autosomal recessive disorder characterized by early-onset dilated cardiomyopathy, growth failure, cerebellar ataxia causing significant motor delays, testicular dysgenesis, growth failure, and significant increases in urine organic acids, particularly 3-methylglutaconic acid and 3-methylglutaric acid.
序列相似性	Belongs to the TIM14 family. Contains 1 J domain.
细胞定位	Mitochondrion inner membrane.

图片



15% SDS-PAGE, 3ug of ab104153 loaded

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