

Recombinant Human DNAJC19 protein ab104153

画像数 1

製品の詳細

製品名	Recombinant Human DNAJC19 protein
精製度	> 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.
発現系	Escherichia coli
アクセッション番号	<u>Q96DA6</u>
タンパク質長	Protein fragment
Animal free	No
由来	Recombinant
生物種	Human
配列	MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSMGRY VLQAMKHMEP QVKQVFQSLP KSAFSGGYR GGFEPKMTKR EAALILGVSP TANKGKIRDA HRRIMLLNHP DKGSPYIAA KINEAKDLLE GQAKK
予測される分子量	15 kDa including tags
領域	19 to 116
タグ	His tag N-Terminus , DDDDK tag N-Terminus

特性

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.

アプリケーション	Mass Spectrometry SDS-PAGE
質量分析	MALDI-TOF
製品の状態	Liquid

前処理および保存

保存方法および安定性 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

関連情報

機能

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.

組織特異性

Ubiquitously expressed.

関連疾患

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.

配列類似性

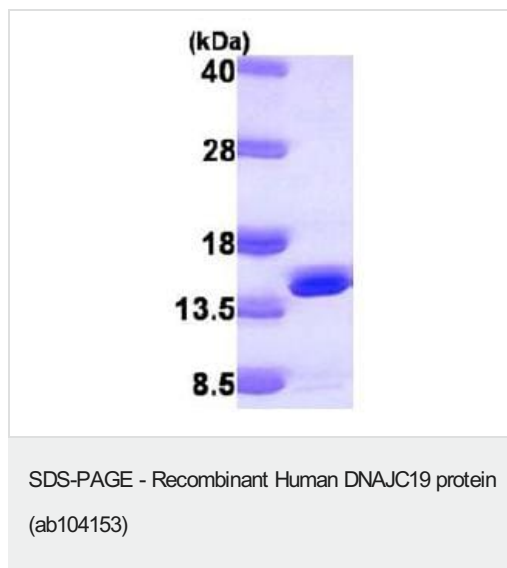
Belongs to the TIM14 family.

Contains 1 J domain.

細胞内局在

Mitochondrion inner membrane.

画像



15% SDS-PAGE, 3ug of ab104153 loaded

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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