

Recombinant Human ETFB protein ab107152

1 图像

描述	
产品名称	重组人ETFB蛋白
纯度	> 90 % SDS-PAGE. ab107152 is purified using conventional chromatography techniques.
表达系统	Escherichia coli
Accession	<u>P38117</u>
蛋白长度	Full length protein
无动物成分	No
性质	Recombinant
种属	Human
序列	MGSSHHHHHSSGLVPRGSHMAELRVLVAVKRVIDYAVKIRV KPDRTGVV TDGVKHSMPFCEIAVEEAVRLKEKKLVKEVIAVSCGPAQCQ ETIRTALA MGADRGIHVEVPPAEAERLGPLQVARVLAKLAEKEKVDLVLL GKQAIDDD CNQTGQMTAGFLDWPQGTFA SQVTLEGDCLKVEREIDGGLET LRLKLPAV VTADLRLNEPRYATLPNIMKAKKKKIEVIKPGDLGVDLTSKL SVISVEDP PQR TAGVKVETTEDLVAKLKEIGRI
预测分子量	30 kDa including tags
氨基酸	1 to 255
标签	His tag N-Terminus

技术指标	
Our Abpromise guarantee covers the use of ab107152 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: 0.316% Tris HCl, 40% Glycerol (glycerin, glycerine), 0.58% Sodium chloride

常规信息

功能

The electron transfer flavoprotein serves as a specific electron acceptor for several dehydrogenases, including five acyl-CoA dehydrogenases, glutaryl-CoA and sarcosine dehydrogenase. It transfers the electrons to the main mitochondrial respiratory chain via ETF-ubiquinone oxidoreductase (ETF dehydrogenase).

组织特异性

Abundant in liver, heart and skeletal muscle. A weak expression is seen in the brain, placenta, lung, kidney and pancreas.

疾病相关

Glutaric aciduria 2B

序列相似性

Belongs to the ETF beta-subunit/FixA family.

结构域

The recognition loop recognizes a hydrophobic patch at the surface of interacting dehydrogenases and acts as a static anchor at the interface.

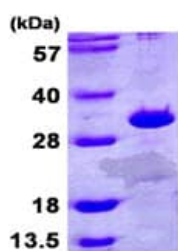
翻译后修饰

Methylated. Trimethylation at Lys-200 and Lys-203 may negatively regulate the activity in electron transfer from Acyl-CoA dehydrogenases.

细胞定位

Mitochondrion matrix.

图片



15% SDS-PAGE showing ab107152 (3µg).

SDS-PAGE - Recombinant Human ETFB protein
(ab107152)

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