

# Recombinant Human ETFB protein ab107152

画像数 1

### 製品の詳細

製品名	Recombinant Human ETFB protein
精製度	> 90 % SDS-PAGE. ab107152 is purified using conventional chromatography techniques.
発現系	Escherichia coli
アクセッション番号	<b>P38117</b>
タンパク質長	Full length protein
Animal free	No
由来	Recombinant
生物種	Human
配列	MGSSHHHHHSSGLVPRGSHMAELRVLVAVKRVIDYAVKIRV KPDRTGVV TDGVKHSMPFCEIAVEEAVRLKEKLVKEVIAVSCGPAQCQ ETIRTALA MGADRGIHVEVPPAEAERLGPLQVARVLAKLAEKEKVDLVL GKQAIDDD CNQTGQMTAGFLDWPQGT FASQVTLEGDKLVKVEREIDGGLET LRLKLPAV VTADLRLNEPRYATLPNIMKAKKKKIEVIKPGDLGVDLTSKL SVISVEDP PQR TAGVKVETTEDLVAKLKEIGRI
予測される分子量	30 kDa including tags
領域	1 to 255
タグ	His tag N-Terminus

### 特性

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.

アプリケーション	SDS-PAGE Mass Spectrometry
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: 0.316% Tris HCl, 40% Glycerol (glycerin, glycerine), 0.58% Sodium chloride

## 関連情報

### 機能

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).

### 組織特異性

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

### 関連疾患

Glutaric aciduria 2B

### 配列類似性

Belongs to the ETF beta-subunit/FixA family.

### ドメイン

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

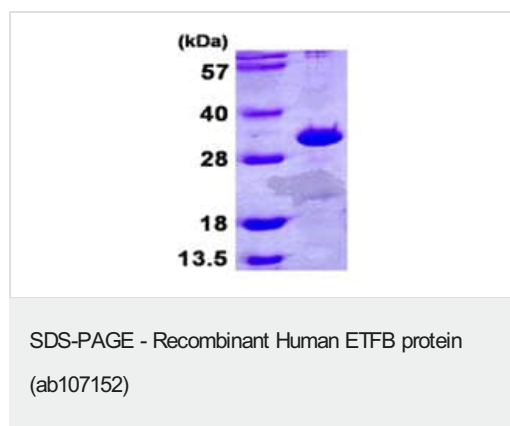
### 翻訳後修飾

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

### 細胞内局在

Mitochondrion matrix.

## 画像



15% SDS-PAGE showing ab107152 (3μg).

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

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