

Product datasheet

Recombinant Human ACADM protein ab99329

画像数 1

製品の概要

製品名	Recombinant Human ACADM protein
タンパク質長	Full length protein

製品の詳細

由来	Recombinant
由来	Escherichia coli

アミノ酸配列

アクセッション番号 [P11310](#)

生物種 Human

配列 **MGSSHHHHHSSGLVPRGSHMKANRQREPGLGFSFEFTEQQKEFQATARK  
FAREEIIPVAAEYDKTGEYPVPLIRRAWELGLMNTHIPENCGGLGLGTFD  
ACLI SEELAYGCTGVQTAIEGNSLGQMPIIIAGNDQQKKYLGRMTEEPL  
MCAYCVTEPGAGSDVAGIKTKAEKKGDEYIINGQKMWITNGGKANWYFLL  
ARSDPDPKAPANKAFTGFIVEADTPGIQIGRKELNMGQRCS DTRGIVFED  
VKVPKENVLIGDGAGFKVAMGAFDKTRPVVAAGAVGLAQRALDEATKYAL  
ERKTFGKLLVEHQAISFMLAEMAMKVELARMSYQRAAWEVDSGRRNTYYA  
SIAKAFAGDIANQLATDAVQILGGNGFNTEYPVEKLMRDAKIYQIYEGTS  
QIQRLIVAREHIDKYKN**

分子量 46 kDa including tags

領域 26 to 421

タグ His tag N-Terminus

特性

Our [Abpromise guarantee](#) covers the use of **ab99329** 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
精製度	> 90 % SDS-PAGE.

ab99329 is purified using conventional chromatography techniques.

## 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. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

Preservative: None

Constituents: 20% Glycerol, 0.1M Sodium chloride, 20mM Tris HCl, pH 8.0

## 関連情報

### 機能

This enzyme is specific for acyl chain lengths of 4 to 16.

### パスウェイ

Lipid metabolism; mitochondrial fatty acid beta-oxidation.

### 関連疾患

Defects in ACADM are the cause of acyl-CoA dehydrogenase medium-chain deficiency (ACADM) [MIM:201450]. It is an autosomal recessive disease which causes fasting hypoglycemia, hepatic dysfunction, and encephalopathy, often resulting in death in infancy.

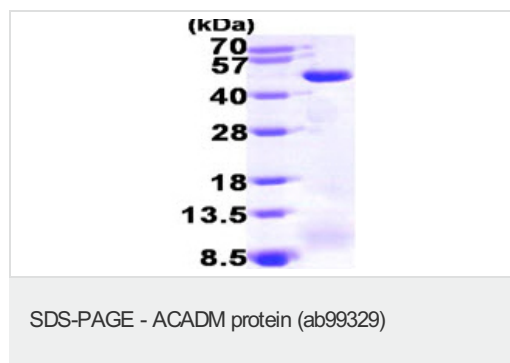
### 配列類似性

Belongs to the acyl-CoA dehydrogenase family.

### 細胞内局在

Mitochondrion matrix.

## 画像



15% SDS-PAGE analysis of 3µg ab99329.

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