

### Recombinant Human ATP5D protein ab109956

画像数 1

#### 製品の詳細

製品名	Recombinant Human ATP5D protein
精製度	> 95 % SDS-PAGE. ab109956 was purified using conventional chromatography.
発現系	Escherichia coli
アクセッション番号	<b>P30049</b>
タンパク質長	Full length protein
Animal free	No
由来	Recombinant
生物種	Human
配列	MGSSHHHHHHSSGLVPRGSHMAEAAAAPAAASGPNQMSFTFA SPTQVFFN GANVRQVDVPTLTGAFGILAAHVPTLQVLRPGLVVVHAEDGT TSKYFVSS GSIAVNADSSVQLLAEEAVTLDMLDLGAAKANLEKAQAEVVG TAEATRA EIQUIRIEANEALVKALE
予測される分子量	17 kDa including tags
領域	23 to 168
タグ	His tag N-Terminus

#### 特性

Our **Abpromise guarantee** covers the use of **ab109956** 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 -
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80°C. Avoid freeze / thaw cycle.

pH: 8.00

Constituents: 0.316% Tris HCl, 20% Glycerol (glycerin, glycerine), 0.058% Sodium chloride

## 関連情報

### 機能

Mitochondrial membrane ATP synthase (F(1)F(0) ATP synthase or Complex V) produces ATP from ADP in the presence of a proton gradient across the membrane which is generated by electron transport complexes of the respiratory chain. F-type ATPases consist of two structural domains, F(1) - containing the extramembraneous catalytic core, and F(0) - containing the membrane proton channel, linked together by a central stalk and a peripheral stalk. During catalysis, ATP turnover in the catalytic domain of F(1) is coupled via a rotary mechanism of the central stalk subunits to proton translocation. Part of the complex F(1) domain and of the central stalk which is part of the complex rotary element. Rotation of the central stalk against the surrounding alpha(3)beta(3) subunits leads to hydrolysis of ATP in three separate catalytic sites on the beta subunits.

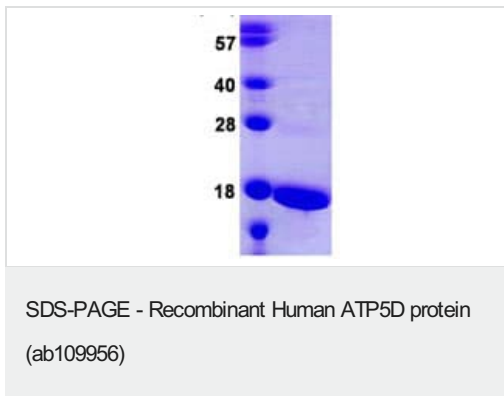
### 配列類似性

Belongs to the ATPase epsilon chain family.

### 細胞内局在

Mitochondrion. Mitochondrion inner membrane.

## 画像



15% SDS-PAGE analysis of 3 µg ab109956.

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

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