

Recombinant Human ATP5D protein ab109956

1 图像

描述

产品名称	重组人ATP5D蛋白
纯度	> 95 % SDS-PAGE. ab109956 was purified using conventional chromatography.
表达系统	Escherichia coli
Accession	<u>P30049</u>
蛋白长度	Full length protein
无动物成分	No
性质	Recombinant
种属	Human
序列	MGSSHHHHHSSGLVPRGSHMAEAAAAPAAASGPNQMSFTFA SPTQVFFN GANVRQVDVPTLTGAFGILAAHVPTLQVLRPGLVVVHAEDGT TSKYFVSS GSIAVNADSSVQLLAEAEVTLDMDLGAAKANLEKAQAEVVG TAEATRA EIQUIRIEANEALVKALE
预测分子量	17 kDa including tags
氨基酸	23 to 168
标签	His tag N-Terminus

技术指标

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.

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, 20% Glycerol (glycerin, glycerine), 0.058% Sodium chloride

常规信息

功能

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.

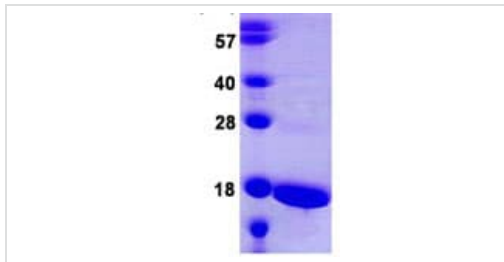
序列相似性

Belongs to the ATPase epsilon chain family.

细胞定位

Mitochondrion. Mitochondrion inner membrane.

图片



15% SDS-PAGE analysis of 3 µg ab109956.

SDS-PAGE - Recombinant Human ATP5D protein
(ab109956)

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

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