

Product datasheet

Recombinant Human ATP5H protein ab153084

1 Image

Description

Product name	Recombinant Human ATP5H protein
Expression system	Wheat germ
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	MAGRKLALKTIDWVAF AEIIPQNQKAIASSLKSWNETLTSR LAALPENPP AIDWAYYKANVAKAGLVDDFEKKFNALKVPVPEDKYTAQ VDAEEKEDVKS CAEWVSLSKARMEYEKEMEKMKNLIPFDQMTIEDLNEAF PETKLDKCKY PYWPHQPIENL
Amino acids	1 to 161
Tags	GST tag N-Terminus

Specifications

Our **Abpromise guarantee** covers the use of **ab153084** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	ELISA Western blot
Form	Liquid
Additional notes	

Preparation and Storage

Stability and Storage	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. pH: 8.00 Constituents: 0.31% Glutathione, 0.79% Tris HCl
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General Info

Function

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 synthesis 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(0) domain and the peripheral stalk, which acts as a stator to hold the catalytic $\alpha(3)\beta(3)$ subcomplex and subunit $a/ATP6$ static relative to the rotary elements.

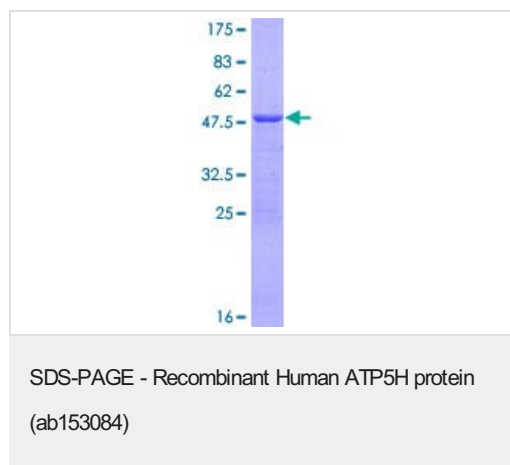
Sequence similarities

Belongs to the ATPase d subunit family.

Cellular localization

Mitochondrion. Mitochondrion inner membrane.

Images



ab153084 on a 12.5% SDS-PAGE stained with Coomassie Blue.

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

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