

Product datasheet

Recombinant Human SDHAF1 protein ab187429

1 Image

Description

Product name	Recombinant Human SDHAF1 protein
Purity	> 85 % SDS-PAGE. ab187429 was purified using conventional chromatography techniques.
Expression system	Escherichia coli
Accession	<u>A6NFY7</u>
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	MGSSHHHHHH SSGLVPRGSH MGSMRHSRL QRQVLSLYRD LLRAGRGKPG AEARVRAEFR QHAGLPRSDV LRIEYLRRG RRQLQLLRSG HATAMGAFVR PRAPTGEPPG VGSQPDDGDS PRNPHDSTGA PETRPDGR
Predicted molecular weight	15 kDa including tags
Amino acids	1 to 115
Tags	His tag N-Terminus
Additional sequence information	NP_001036096.

Specifications

Our **Abpromise guarantee** covers the use of **ab187429** in the following tested applications.

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

Applications	SDS-PAGE Mass Spectrometry
Mass spectrometry	MALDI-TOF
Form	Liquid

Preparation and Storage

Stability and Storage

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: 7.40

Constituents: 30% Glycerol (glycerin, glycerine), 0.03% DTT, 0.002% PMSF, 69% PBS

General Info

Function

Plays an essential role in succinate dehydrogenase complex (SDH) assembly, a complex involved in complex II of the mitochondrial electron transport chain. Probably acts by participating in mitochondrial biosynthesis of iron-sulfur centers for complex II.

Tissue specificity

Ubiquitously expressed.

Pathway

Cofactor biosynthesis; iron-sulfur cluster biosynthesis.

Involvement in disease

Mitochondrial complex II deficiency

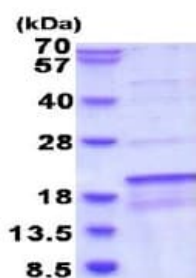
Sequence similarities

Belongs to the complex I LYR family. SDHAF1 subfamily.

Cellular localization

Mitochondrion matrix.

Images



15% SDS-PAGE analysis of ab187429 (3 µg).

SDS-PAGE - Recombinant Human SDHAF1 protein
(ab187429)

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

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