

Product datasheet

Recombinant Human NDUFS3 protein ab136706

1 Image

Description

Product name	Recombinant Human NDUFS3 protein
Purity	> 85 % SDS-PAGE. ab136706 is purified using conventional chromatography techniques.
Expression system	Escherichia coli
Accession	<u>O75489</u>
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	MGSSHHHHHHSSGLVPRGSHMESAGADTRPTVRPRNDV AHKQLSAFGEYV AEILPKYVQQVQVSCFNELEVCIHPDGVIPVLTFLRDHTNA QFKSLVDLT AVDVPTRQNRFEIVYNLLSLRFNSRIRVKTYTDELTPIESAV SVFKAANW YEREIWMFMFGVFFANHPDLRRILTDYGFEGHPFRKDFPLS GYVELRYDDE VKRVVAEPVELAQEFRKFDLNSPWEAFPVYRQPPELKL EAGDKKPAK
Predicted molecular weight	29 kDa including tags
Amino acids	37 to 264
Tags	His tag N-Terminus

Specifications

Our **Abpromise guarantee** covers the use of **ab136706** in the following tested applications.

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

Applications	Mass Spectrometry SDS-PAGE
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: 8.00

Constituents: 0.02% DTT, 0.32% Tris HCl, 10% Glycerol (glycerin, glycerine), 0.88% Sodium chloride

General Info

Function

Core subunit of the mitochondrial membrane respiratory chain NADH dehydrogenase (Complex I) that is believed to belong to the minimal assembly required for catalysis. Complex I functions in the transfer of electrons from NADH to the respiratory chain. The immediate electron acceptor for the enzyme is believed to be ubiquinone.

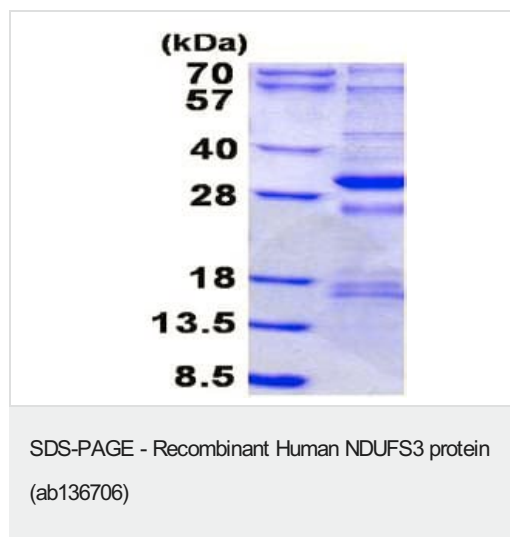
Sequence similarities

Belongs to the complex I 30 kDa subunit family.

Cellular localization

Mitochondrion inner membrane.

Images



15% SDS-PAGE analysis of 3 µg ab136706.

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

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