

Product datasheet

Recombinant Human NDUFV2 protein ab171712

1 Image

Description

<b>Product name</b>	Recombinant Human NDUFV2 protein
<b>Purity</b>	> 90 % SDS-PAGE. ab171712 was purified by anion-exchange and gel-filtration chromatography techniques.
<b>Expression system</b>	Escherichia coli
<b>Accession</b>	<a href="#">P19404</a>
<b>Protein length</b>	Full length protein
<b>Animal free</b>	No
<b>Nature</b>	Recombinant
<b>Species</b>	Human
<b>Sequence</b>	<pre> MGSSHHHHHH SSGLVPRGSH MGSGAGGALF VHRDTPENNP DTPFDFTPEN YKRIEAMKN YPEGHKAAAV LPVLDLAQRQ NGWLPISAMN KVAEVLQVPP MRVYEVAIFY TMYNRKPVGK YHIQVCTTTP CMLRNSDSL EAIQKKGKIK VGETTPDKLF TLIEVECLGA CVNAPMVQIN DNYEDLTAK DIEEIIDELK AGKIPKPGPR SGRFSCEPAG GLTSLTEPPK GPGFGVQAGL </pre>
<b>Predicted molecular weight</b>	26 kDa including tags
<b>Amino acids</b>	33 to 249
<b>Tags</b>	His tag N-Terminus

Specifications

Our [Abpromise guarantee](#) covers the use of **ab171712** in the following tested applications.

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

<b>Applications</b>	SDS-PAGE Mass Spectrometry
<b>Mass spectrometry</b>	MALDI-TOF
<b>Form</b>	Liquid

Preparation and Storage

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**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, 0.88% Sodium chloride

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**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.

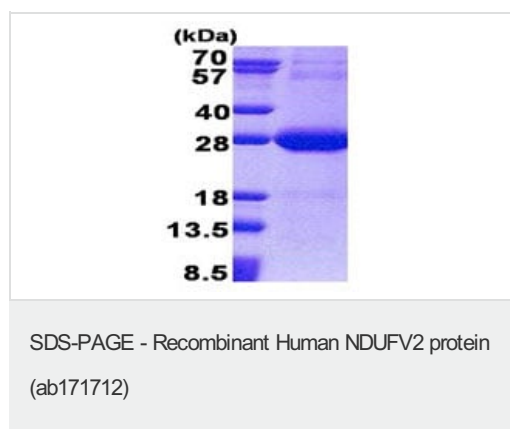
**Sequence similarities**

Belongs to the complex I 24 kDa subunit family.

**Cellular localization**

Mitochondrion inner membrane.

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**Images**

15% SDS-PAGE analysis of ab171712 (3µg).

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

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