

Datasheet for ABIN7479300

**NDUFV2 Protein (AA 35-249, partial) (GST tag)**[Go to Product page](#)**1** Image

## Overview

Quantity:	100 µg
Target:	NDUFV2
Protein Characteristics:	AA 35-249, partial
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This NDUFV2 protein is labelled with GST tag.
Application:	ELISA

## Product Details

Sequence:	GGALFVHRDT PENNPDPFD FTPENYKRIE AIVKNYPEGH KAAAVLPVLD LAQRQNGWLP ISAMNKVAEV LQVPPMRVYE VATFYTMYNR KPVGKYHIQV CTTTPCMLRN SDSILEAIQK KLGIKVGETT PDKLFTLIEV ECLGACVNAP MVQINDNYE DLTAKDIEEI IDELKAGKIP KPGPRSGRFS CEPAGGLTSL TEPPKPGPGFG VQAGL
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian cells or by baculovirus infection. Be aware about differences in price and lead time.
Purity:	95 %

## Target Details

Target:	NDUFV2
Alternative Name:	NADH dehydrogenase [ubiquinone] flavoprotein 2, mitochondrial protein ( <a href="#">NDUFV2 Products</a> )

## Target Details

Background:	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
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Molecular Weight:	51 kD
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UniProt:	<a href="#">P19404</a>
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## Application Details

Comment:	The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modiflicated such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies.
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Restrictions:	For Research Use only
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## Handling

Format:	Lyophilized
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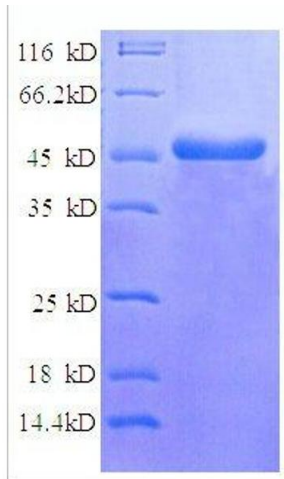
Concentration:	0.2-2 mg/mL
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Buffer:	Tris-based buffer, 50 % glycerol
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Handling Advice:	Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week
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Storage:	-20 °C
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Storage Comment:	Store at -20 °C for extended storage, conserve at -20 °C or -80 °C
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#### SDS-PAGE

**Image 1.** NADH Dehydrogenase (Ubiquinone) Flavoprotein 2, 24kDa (NDUFV2) (AA 35-249), (partial) protein (GST tag)