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Datasheet for ABIN1617491

**NDUFS2 Protein (AA 34-463) (His tag)**

## Overview

Quantity:	1 mg
Target:	NDUFS2
Protein Characteristics:	AA 34-463
Origin:	Chimpanzee
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This NDUFS2 protein is labelled with His tag.
Application:	ELISA

## Product Details

Sequence:	VRQWQPD VEWAQQFGGA VMYPSKETAH WKPPPWNDVD PPKDTIVKNM TLNFGPQHPA AHGVLRLVME LSGEMVRKCD PHIGLLHRGT EKLIEYKTYL QALPYFDRLD YVSMCMNEQA YSLAVEKLLN IRPPPRAQWI RVLFGIEITRL LNHIMAVTTH ALDLGAMTPF FWLFEEREKM FEFYERVSGA RMHAAYIRPG GVHQDLPLGL MDDIYQFSKN FSLRLDELEE LLTNNRIWRN RTIDIGVVTA EEALNYGFSG VMLRGSGIQW DLRKTQPYDV YDQVEFDVPV GSRGDCYDRY LCRVEEMRQS LRIAQCLNK MPPGEIKVDD AKVSPPKRAE MKTSMESLIH HFKLYTEGYQ VPPGATYTAI EAPKGEFGVY LVSDGSSRPY RCKIKAPGFA HLAGLDKMSK GHMLADVVAI IGTQDIVFGE VDR
Specificity:	Pan troglodytes (Chimpanzee)
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.

## Product Details

Purity: > 90 %

## Target Details

Target: NDUFS2

Alternative Name: NADH dehydrogenase [ubiquinone] iron-sulfur protein 2, mitochondrial (NDUFS2) ([NDUFS2 Products](#))

Background: Recommended name: NADH dehydrogenase [ubiquinone] iron-sulfur protein 2, mitochondrial.  
EC= 1.6.5.3.  
EC= 1.6.99.3.  
Alternative name(s): Complex I-49kD.  
Short name= CI-49kD NADH-ubiquinone oxidoreductase 49 kDa subunit

UniProt: [Q0MQG5](#)

## 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 modified 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.

Restrictions: For Research Use only

## Handling

Format: Lyophilized

Concentration: 0.2-2 mg/mL

Buffer: Tris-based buffer, 50 % glycerol

Handling Advice: Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week

## Handling

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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.