Datasheet for ABIN1618085

NDUFV1 Protein (AA 21-464) (His tag)

Go to Product page

Overview

Quantity:	1 mg
Target:	NDUFV1
Protein Characteristics:	AA 21-464
Origin:	Chimpanzee
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This NDUFV1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	SGDTTAPKKT SFGSLKDEDR IFTNLYGRHD WRLKGSLSRG DWYKTKEILL KGPDWILGEI KTSGLRGRGG AGFPTGLKWS FMNKPSDGRP KYLVVNADEG EPGTCKDREI LRHDPHKLVE GCLVGGRAMG ARAAYIYIRG EFYNEASNLQ VAIREAYEAG LIGKNACGSG YDFDVFVVRG AGAYICGEET ALIESIEGKQ GKPRLKPPFP ADVGVFGCPT TVANVETVAV SPTICRRGGT WFAGFGRERN SGTKLFNISG HVNHPCTVEE EMSVPLKELI EKHAGGVTGG WDNLLAVIPG GSSTPLIPKS VCETVLMDFD ALVQAQTGLG TAAVIVMDRS TDIVKAIARL IEFYKHESCG QCTPCREGVD WMNKVMARFV RGDARPAEID SLWEISKQIE GHTICALGDG AAWPVQGLIR HFRPELEERM QRFAQQHQAR QAAS
Specificity:	Pan troglodytes (Chimpanzee)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalien cells or by baculovirus infection. Be aware about differences in price and lead time.

Product Details

Purity:	> 90 %

Target Details

Target:	NDUFV1
Alternative Name:	NADH dehydrogenase [ubiquinone] flavoprotein 1, mitochondrial (NDUFV1) (NDUFV1 Products)
Background:	Recommended name: NADH dehydrogenase [ubiquinone] flavoprotein 1, mitochondrial. EC= 1.6.5.3. EC= 1.6.99.3. Alternative name(s): Complex I-51kD. Short name= CI-51kD NADH-ubiquinone oxidoreductase 51 kDa subunit
UniProt:	Q0MQI6

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 modificated 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
Storage:	-20 °C

Handling

Storage Comment:	Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.

