Datasheet for ABIN1459766

NDUFA10 Protein (AA 24-343) (His tag)

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Overview

Quantity:	1 mg
Target:	NDUFA10
Protein Characteristics:	AA 24-343
Origin:	Cow
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This NDUFA10 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	LQYGPLA YILGEKATKK MTEKSKLITV DGNICSGKSK LAKEIAEKLG LKHFPEAGIH YVDSTTGDGK PLPVQFSGNC SLEKFYDDPK SNDGNSYRLQ AWLYASRLLQ YADALEHLLS TGQGVVLERS IYSDFVFLEA MYRQGFIRKQ CVDHYNQVKK VTICEYLPPH VVVYVDVPVP EVQSRIQKKG NPHEMKITSA YLQDIENAYK GTFLPEMSEK CEVLQYSAWE AQDAEKVVED IEYLKYDKGP WLDQNDRNLH KLRMLVQDKL EVLNYTSIPV FLPEVTVGAH QSDQVFQEFT ELPGRKYRAG YNEDVGDKWI WLK
Specificity:	Bos taurus (Bovine)
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.
Purity:	> 90 %

Target Details

Target:	NDUFA10
Alternative Name:	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 10, mitochondrial (NDUFA10) (NDUFA10 Products)
Background:	Recommended name: NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 10, mitochondrial. Alternative name(s): Complex I-42kD. Short name= CI-42kD NADH-ubiquinone oxidoreductase 42 kDa subunit
UniProt:	P34942

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