Datasheet for ABIN5505730

NADH Dehydrogenase Protein (His tag)

1 Image

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Overview

Quantity:	50 µg
Target:	NADH Dehydrogenase
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This NADH Dehydrogenase protein is labelled with His tag.
Application:	Antibody Production (AbP), Standard (STD)

Product Details

Characteristics:	• Recombinant human Purified recombinant protein of Human NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 10, 22 kDa (NDUFB10), nuclear gene encoding mitochondrial protein, full length, with N-terminal HIS tag, expressed in E. coli, 50 µg (full length, N-term HIS tag) protein expressed in E.coli. • Produced with end-sequenced ORF clone
Purification:	Purified
Purity:	> 80 % as determined by SDS-PAGE and Coomassie blue staining

Target Details

Target:	NADH Dehydrogenase
Abstract:	NADH Dehydrogenase Products
Background:	Accessory subunit of the mitochondrial membrane respiratory chain NADH dehydrogenase

Target Details

	(Complex I), that is believed not to be involved in 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. [UniProtKB/Swiss-Prot Function]
Molecular Weight:	20.6 kDa
NCBI Accession:	NP_004539

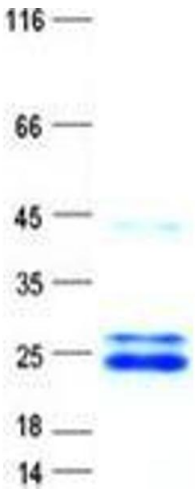
Application Details

Application Notes:	Recombinant human proteins can be used for: Native antigens for optimized antibody production Positive controls in ELISA and other antibody assays
Comment:	The tag is located at the N-terminal.
Restrictions:	For Research Use only

Handling

Concentration:	50 µg/mL
Buffer:	25 mM Tris, pH 8.0, 150 mM NaCl, 10 % glycerol, 1 % Sarkosyl.
Storage:	-80 °C
Storage Comment:	Store at -80°C. Thaw on ice, aliquot to individual single-use tubes, and then re-freeze immediately. Only 2-3 freeze thaw cycles are recommended.

Images



Western Blotting

Image 1. Validation with Western Blot