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Product Information

MemDX™ Membrane Protein Human NDUFA6 (NADH:ubiqui oxidoreductase subunit A6) for Antibody Discovery

Cat. No.: **MP0766X**
This product is for research use only and is not intended for diagnostic use.

This product is a 39.82 kDa Human NDUFA6 membrane protein expressed in *in vitro* wheat germ expression system. The protein is for research use only and is not approved for use in humans or in clinical diagnosis.

Product Specifications

Host Species
Human

Target Protein
NDUFA6

Protein Length
Full-length

Molecular Weight
39.82 kDa

Sequence
MAGSGVRQATSTASTFVKPIFSRDMNEAKRRVRELYRAWYREVPNTVHQFQLDITVKMGRDKVREMFMKNAHVTDPRVVDLLVIK

Product Description

Application
Enzyme-linked Immunoabsorbent Assay, Western Blot (Recombinant protein), Antibody Production, Protein Array

Expression Systems
in vitro wheat germ expression system

Tag
GST-tag at N-terminal

Form
Liquid

Purification
Glutathione Sepharose 4 Fast Flow

Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer

Storage

Store at +4°C for up to one week or several months at -80°C

Target

Target Protein

NDUFA6

Full Name

NADH:ubiqui oxidoreductase subunit A6

Introduction

This gene encodes a member of the LYR family of proteins that contain a highly conserved tripeptide (LYR) motif near the N-terminus. The encoded protein is an accessory subunit of NADH: ubiqui oxidorerductase (Complex I), which is the largest enzyme of the mitochondrial membrane respiratory chain. Complex I functions in electron transfer from NADH to the respiratory chain.

Alternative Names

B14; LYRM6; CI-B14; MC1DN33; NADHB14; NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 6; Complex I-B14; LYR motif-containing protein 6; NADH-ubiquinone oxidoreductase 1 alpha subcomplex, 6; NADH-ubiquinone oxidoreductase B14 subunit; NADH-ubiquinone oxidoreductase B14 subunit

Gene ID

4700

UniProt ID

P56556

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