

Product Information

MemDX™ Membrane Protein Human NDUFA3 (NADH:ubiquinone oxidoreductase subunit A3) for Antibody Discovery

Cat. No.: **MP0763X**

This product is for research use only and is not intended for diagnostic use.

This product is a 35.7 kDa Human NDUFA3 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

NDUFA3

Protein Length

Full-length

Molecular Weight

35.7 kDa

TMD

1

Sequence

MAARVGAFLEKNAWDKEPVLVVSFVVGGLAVILPPLSPYFKYSVMINKATPYNYPVPVRDDGNMPDVPSHPQDPQGPSLEWLKKL

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

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**

NDUFA3

Full Name

NADH:ubiquinol oxidoreductase subunit A3

Introduction

Accessory subunit of the mitochondrial membrane respiratory chain NADH dehydrogenase (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 ubiquinol.

Alternative Names

B9; CI-B9; NADH dehydrogenase [ubiquinol] 1 alpha subcomplex subunit 3; NADH dehydrogenase (ubiquinol) 1 alpha subcomplex, 3, 9kDa; NADH-ubiquinol oxidoreductase B9 subunit; complex I B9 subunit; complex I-B9; NADH-ubiquinol oxidoreductase B9 subunit

Gene ID

[4696](#)

UniProt ID

[O95167](#)