

Product Information

MemDX™ Membrane Protein Human NDUFB1 (NADH:ubiquinone oxidoreductase subunit B1) for Antibody Discovery

Cat. No.: **MP0770X**

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

This product is a 32.12 kDa Human NDUFB1 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

NDUFB1

Protein Length

Full-length

Molecular Weight

32.12 kDa

Sequence

MVNLLQIVRDHWAHVLVPMGFVIGCYLDRKSDERLTAFRNKSMFLFKRELQPSEEVTKW

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

NDUFB1

Full Name

NADH:ubiquinol oxidoreductase subunit B1

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 ubiquinone.

Alternative Names

MNLL; CI-MNLL; CI-SGDH; NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 1; NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 1, 7kDa; NADH-ubiquinol oxidoreductase MNLL subunit; complex I MNLL subunit; complex I-MNLL

Gene ID

[4707](#)

UniProt ID

[O75438](#)