

## Product Information

### MemDX™ Membrane Protein Human NDUFB4 (NADH:ubiquinone oxidoreductase subunit B4) for Antibody Discovery

Cat. No.: **MP0774X**

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

This product is a 39.93 kDa Human NDUFB4 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

NDUFB4

##### Protein Length

Full-length

##### Molecular Weight

39.93 kDa

##### TMD

1

##### Sequence

MSFPKYKPSSLRLTPETLDPAEYNISPETRRQAERLAIRAQLKREYLLQYNDPNRRGLIENPALLRWAYARTINVYPNFRPTPKNSL

#### 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**

NDUFB4

**Full Name**

NADH:ubiquinone oxidoreductase subunit B4

**Introduction**

This gene encodes a non-catalytic subunit of the multisubunit NADH:ubiquinone oxidoreductase, the first enzyme complex in the mitochondrial electron transport chain (complex I). Mammalian complex I is composed of 45 different subunits and transfers electrons from NADH to ubiquinone.

**Alternative Names**

B15; CI-B15; NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 4; NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 4, 15kDa; NADH-ubiquinone oxidoreductase B15 subunit; complex I B15 subunit; complex I-B15; NADH-ubiquinone oxidoreductase B15 subunit

**Gene ID**

[4710](#)

**UniProt ID**

[O95168](#)