

Product Information

MemDX™ Membrane Protein Human NDUFA4 (NDUFA4 mitochondrial complex associated)

Full Length

Cat. No.: **MPC2029K**

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

This product is a 9.3 kDa Human NDUFA4 membrane protein expressed in *E.coli*. 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

NDUFA4

Protein Length

Full length

Protein Class

Transporter

Molecular Weight

9.3 kDa

TMD

1

Sequence

MLRQIIGQAKKHPQLIPLFVFIGTGATGATLYLLRLALFNPDVWCWDRNNP
EPWNKLGPNQYKFYSVNVDYSKLKKERPDF

Product Description

Expression Systems

E.coli

Tag

Based on specific requirements

Protein Format

Detergent or based on specific requirements

Form

Liquid

Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -72°C or lower. Avoid freeze/thaw cycles.

Target

Target Protein

NDUFA4

Full Name

NDUFA4 mitochondrial complex associated

Introduction

The protein encoded by this gene belongs to the complex I 9kDa subunit family. Mammalian complex I of mitochondrial respiratory chain is composed of 45 different subunits. This protein has NADH dehydrogenase activity and oxidoreductase activity. It transfers electrons from NADH to the respiratory chain. The immediate electron acceptor for the enzyme is believed to be ubiquinone.

Alternative Names

NDUFA4; MLRQ; CI-9k; COXFA4; MISTR1; MRCAF1; CI-MLRQ; MC4DN21; cytochrome c oxidase subunit NDUFA4; Complex I 9kDa subunit; NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 4, 9kDa; NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 4; NADH-ubiquinone oxidoreductase MLRQ subunit; complex I-MLRQ; cytochrome c oxidase subunit FA4; mitochondrial respiratory chain associated factor 1; mitochondrial stress response 1; NDUFA4 mitochondrial complex associated

Gene ID

[4697](#)

UniProt ID

[Q00483](#)