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Product Information

MemDX™ Membrane Protein Human NDUFB6 (NADH:ubiquinone oxidoreductase subunit B6) Full Length

Cat. No.: **MPC4283K**
This product is for research use only and is not intended for diagnostic use.

This product is a made-to-order Human NDUFB6 membrane protein expressed in HEK293. 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
NDUFB6

Protein Length
Full length

Protein Class
Transporter

TMD
1

Sequence
MTGYTPDEKLRLQQLRELRRRWLKDQELSPREPVLPPQKMGPMEKFWNKF
LENKSPWRKMVHGVYKKSIFVFTHVLVPVWIIHYYMKYHVSEKPYGIVEK
KSRIFPGDTILETGEVIPPMKEFPDQHH

Product Description

Expression Systems
HEK293

Tag
Based on specific requirements

Protein Format
Detergent or based on specific requirements (Detergent, Liposome, Nanodisc, Polymer, VLP)

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

NDUFB6

Full Name

NADH:ubiquinone oxidoreductase subunit B6

Introduction

The protein encoded by this gene is a subunit of the multisubunit NADH:ubiquinone oxidoreductase (complex I). Mammalian complex I is composed of 45 different subunits. It locates at the mitochondrial inner membrane. 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 splicing occurs at this locus and three transcript variants encoding distinct isoforms have been identified.

Alternative Names

NDUFB6; CI; B17; NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 6; CI-B17; NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 6, 17kDa; NADH-ubiquinone oxidoreductase B17 subunit; NADH-ubiquinone oxidoreductase beta subunit, 6; complex I, mitochondrial respiratory chain, B17 subunit; complex I-B17; NADH:ubiquinone oxidoreductase subunit B6

Gene ID

4712

UniProt ID

O95139

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