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Product Information

MemDX™ Membrane Protein Human NDUFB11 (NADH:ubiquinone oxidoreductase subunit B11) Full Length

Cat. No.: **MPC3534K**
This product is for research use only and is not intended for diagnostic use.

This product is a made-to-order Human NDUFB11 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
NDUFB11

Protein Length
Full length

Protein Class
Transporter

TMD
1

Sequence
MAAGLFGLSARRLLAAAATRGLPAARVRWESSFSRTVVAPSAVAGKRPPE
PTTPWQEDPEPEDENLYEKNPDSHGYDKDPVLDVWNMRLVFFFGVSIILV
LGSTFVAYLPDYRMKEWSRREAERLVKYREANGLPIMESNCFDPSKIQLP
EDE

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

NDUFB11

Full Name

NADH:ubiquinone oxidoreductase subunit B11

Introduction

The protein encoded by this gene is a subunit of the multisubunit NADH:ubiquinone oxidoreductase (complex I). Mammalian complex I is located at the mitochondrial inner membrane. This protein has NADH dehydrogenase activity and oxidoreductase activity. It transfers electrons from NADH to ubiquinone. Mutations in the human gene are associated with linear skin defects with multiple congenital anomalies 3 and mitochondrial complex I deficiency.

Alternative Names

NDUFB11; ESSS; Np15; P17.3; NP17.3; CI-ESSS; MC1DN30; NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 11, mitochondrial; NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 11, 17.3kDa; NADH-ubiquinone oxidoreductase ESSS subunit; complex I NP17.3 subunit; complex I-ESSS; neuronal protein 17.3; NADH:ubiquinone oxidoreductase subunit B11

Gene ID

54539

UniProt ID

Q9NX14

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