

Product Information

MemDX™ Membrane Protein Human NDUFC1 (NADH:ubiquinone oxidoreductase subunit

C1) Full Length

Cat. No.: **MPC4555K**

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

This product is a made-to-order Human NDUFC1 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

NDUFC1

Protein Length

Full length

Protein Class

Transporter

TMD

1

Sequence

MAPSALLRPLSRLLAPARLPSGPSVRSKFYVREPPNAKPDWLKVGFTLGT
TVFLWIYLIKQHNEDILEYKRRNGLE

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

NDUFC1

Full Name

NADH:ubiquinone oxidoreductase subunit C1

Introduction

The encoded protein is a subunit of the NADH:ubiquinone oxidoreductase (complex I), the first enzyme complex in the electron transport chain located in the inner mitochondrial membrane. Alternative splicing results in multiple transcript variants.

Alternative Names

NDUFC1; KFYI; NADH dehydrogenase [ubiquinone] 1 subunit C1, mitochondrial; CI-KFYI; NADH dehydrogenase (ubiquinone) 1, subcomplex unknown, 1, 6kDa; NADH-ubiquinone oxidoreductase KFYI subunit; complex I KFYI subunit; complex I-KFYI; NADH:ubiquinone oxidoreductase subunit C1

Gene ID

[4717](#)

UniProt ID

[Q43677](#)