

Product Information

MemDX™ Membrane Protein Human NDUFA11 (NADH:ubiquinone oxidoreductase subunit A11) Expressed *in vitro* *E.coli* expression system, Full Length of Mature Protein

Cat. No.: **MPX1145K**

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

This product is a Human NDUFA11 membrane protein expressed *in vitro* *E.coli* 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

NDUFA11

Protein Length

Full Length of Mature Protein

Protein Class

Transport

TMD

2

Sequence

APKVFRQYWDIPDGTDCHRKAYSTTSIASVAGLTAAAYRVTLNPPGTLEGVAKVGQYTFATAAVGAVFGLTTCISAHVREKPDDPL

Product Description

Expression Systems

in vitro *E.coli* expression system

Tag

10xHis tag at the N-terminus

Protein Format

Soluble

Form

Liquid or Lyophilized powder

Buffer

Tris/PBS-based buffer, 6% Trehalose, pH 8.0

Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -70°C or lower. Avoid freeze/thaw cycles.

Target

Target Protein

NDUFA11

Full Name

NADH:ubiquinone oxidoreductase subunit A11

Introduction

This gene encodes a subunit of the membrane-bound mitochondrial complex I. Complex I is composed of numerous subunits and functions as the NADH-ubiquinol reductase of the mitochondrial electron transport chain. Mutations in this gene are associated with severe mitochondrial complex I deficiency. Alternate splicing results in multiple transcript variants.

Alternative Names

NDUFA11; B14.7; MC1DN14; CI-B14.7; NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 11; NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 11, 14.7kDa; NADH-ubiquinone oxidoreductase subunit B14.7; complex I B14.7 subunit; NADH:ubiquinone oxidoreductase subunit A11

Gene ID

[126328](#)

UniProt ID

[Q86Y39](#)