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Product Information

MemDX™ Membrane Protein Human NDUFA13 (NADH:ubiquinone oxidoreductase subunit A13) Expressed *in vitro E.coli* expression system, Full Length of Mature Protein

Cat. No.: **MPX1163K**
This product is for research use only and is not intended for diagnostic use.

This product is a Human NDUFA13 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
NDUFA13

Protein Length
Full Length of Mature Protein

Protein Class
Transport

TMD
1

Sequence
AASKVKQDMPPPGGYGPIDYKRNLPRRGLSGYSMLAIGIGTLIYGHWSIMKWNRERRRLQIEDFEARIALLPLLQAETDRRTLQMLR

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

NDUFA13

Full Name

NADH:ubiquinone oxidoreductase subunit A13

Introduction

This gene encodes a subunit of the mitochondrial membrane respiratory chain NADH dehydrogenase (Complex I), which functions in the transfer of electrons from NADH to the respiratory chain. The protein is required for complex I assembly and electron transfer activity. The protein binds the signal transducers and activators of transcription 3 (STAT3) transcription factor, and can function as a tumor suppressor. The human protein purified from mitochondria migrates at approximately 16 kDa. Transcripts originating from an upstream promoter and capable of expressing a protein with a longer N-terminus have been found, but their biological validity has not been determined.

Alternative Names

NDUFA13; B16.6; CDA016; CGI-39; GRIM19; GRIM-19; MC1DN28; NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 13; CI-B16.6; NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 13; NADH-ubiquinone oxidoreductase B16.6 subunit; cell death regulatory protein GRIM-19; cell death-regulatory protein GRIM19; complex I B16.6 subunit; complex I-B16.6; gene associated with retinoic and IFN-induced mortality 19 protei; gene associated with retinoic and interferon-induced mortality 19 protein; NADH:ubiquinone oxidoreductase subunit A13

Gene ID

51079

UniProt ID

Q9P0J0

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