

Product Information

MemDX™ Membrane Protein Human UQCRC2 (Ubiquinol-cytochrome c reductase core protein 2) Full Length

Cat. No.: **MPC1577K**

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

This product is a 48.4 kDa Human UQCRC2 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

UQCRC2

Protein Length

Full length

Protein Class

Transporter

Molecular Weight

48.4 kDa

Sequence

MKLLTRAGSFSRFYSLKVAPKVKATAAPAGAPPQPQDLEFTKLPNGLVIA
SLENYSPVSRIGLFIKAGSRYEDFSNLGTTTHLLRLTSSLTTKGASSFKIT
RGIEAVGGKLSVTATRENMAYTVECLRGDVIDLMEFLNVTTAPEFRRWE
VADLQPQLKIDKAVAFQNPQTHVIENLHAAAYRNALANPLYCPDYRIGKV
TSEELHYFVQNHFTSARMALIGLVSHPVLKQVAEQFLNMRGGLGLSGAK
ANYRGGEIREQNGDSLVAFAFVAESAVAGSAEANAFAFVLQHVLGAGPHVK
RGSNTTSHLHQAVAKATQQPFDVSAFNASYSDSGLFGIYTISQATAAGDV
IKAAYNQVKITIAQGNLSNTDVQAAKNKLKAGYLMVESSECFLEEVGSQA
LVAGSYMPSTVLQQIDSVANADIINAACKFVSGQKSMAASGNLGHPTFV
DEL

Product Description

Expression Systems

HEK293

Tag

Based on specific requirements

Protein Format

Detergent or based on specific requirements

Form

Liquid

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**

UQCRC2

Full Name

Ubiquinol-cytochrome c reductase core protein 2

Introduction

The protein encoded by this gene is located in the mitochondrion, where it is part of the ubiquinol-cytochrome c reductase complex (also known as complex III). This complex constitutes a part of the mitochondrial respiratory chain. Defects in this gene are a cause of mitochondrial complex III deficiency nuclear type 5.

Alternative Names

UQCRC2; QCR2; UQCR2; MC3DN5; cytochrome b-c1 complex subunit 2, mitochondrial; complex III subunit 2; cytochrome bc-1 complex core protein II; ubiquinol-cytochrome c reductase core protein II; ubiquinol-cytochrome-c reductase complex core protein 2; Ubiquinol-cytochrome c reductase core protein 2

Gene ID

[7385](#)

UniProt ID

[P22695](#)