

Product Information

MemDX™ Membrane Protein Human CYC1 (Cytochrome c1) Full Length

Cat. No.: **MPC1617K**

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

This product is a 35.4 kDa Human CYC1 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

CYC1

Protein Length

Full length

Protein Class

Transporter

Molecular Weight

35.4 kDa

TMD

1

Sequence

MAAAAASLRGVVLGPRGAGLPGARARGLLCSARPGQLPLRTPQAVALLSSK
SGLSRGRKVMLSALGMLAAGGAGLAMALHSASDLELHPPSYWPSHRG
LLSSLDHTSIRRGFQVYKQVCASCHSMDFVAYRHLVGVCYTEDEAKELAA
EVEVQDGPNEGEMFMRPGKLFDFPKPYPNSEAARAANNGALPPDLSYI
VRARHGGEDYVFSLLTGYCEPPTGVSLREGLYFNPFPGQAIAMAPPIYT
DVLEFDDGTPATMSQIAKDVCTFLRWASEPEHDHRKRMGLKMLMMALLV
PLVYTIKRHKWSVLKSRKLAYRPPK

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**

CYC1

Full Name

Cytochrome c1

Introduction

This gene encodes a subunit of the cytochrome bc1 complex, which plays an important role in the mitochondrial respiratory chain by transferring electrons from the Rieske iron-sulfur protein to cytochrome c. Mutations in this gene may cause mitochondrial complex III deficiency, nuclear type 6.

Alternative Names

CYC1; UQCR4; MC3DN6; cytochrome c1, heme protein, mitochondrial; complex III subunit 4; complex III subunit IV; cytochrome b-c1 complex subunit 4; cytochrome c-1; ubiquinol-cytochrome-c reductase complex cytochrome c1 subunit; Cytochrome c1

Gene ID

[1537](#)

UniProt ID

[P08574](#)