

Product Information

MemDX™ Membrane Protein Human CYC1 (Cytochrome c1) Expressed *in vitro* *E.coli* expression system, Full Length of Mature Protein

Cat. No.: **MPX1463K**

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

This product is a Human CYC1 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

CYC1

Protein Length

Full Length of Mature Protein

Protein Class

Transport

TMD

1

Sequence

SDLELHPPSYPSWHRGLLSLDHTSIRRGFQVYKQVCASCHSMDFVAYRHLVGVCYTEDEAKELAAEVEVQDGPNEGEMFMRP

Product Description

Expression Systems

in vitro *E.coli* expression system

Tag

10xHis and SUMO tag

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

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](#)