

Product Information

MemDX™ Membrane Protein Human CYC1 (Cytochrome c1) for Antibody Discovery

Cat. No.: **MP0288X**

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

This product is a 61.49 kDa Human CYC1 membrane protein expressed in *in vitro* wheat germ 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

Molecular Weight

61.49 kDa

TMD

1

Sequence

MAAAAASLRGVVLGPRGAGLPGARARGLLCSARPGQLPLRTPQAVALS SSKSGLSRGRKVMLSALGMLAAGGAGLAVALHSAVSAS

Product Description

Application

Enzyme-linked Immunoabsorbent Assay, Western Blot (Recombinant protein), Antibody Production, Protein Array

Expression Systems

in vitro wheat germ expression system

Tag

GST-tag at N-terminal

Form

Liquid

Purification

Glutathione Sepharose 4 Fast Flow

Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer

Storage

Store at +4°C for up to one week or several months at -80°C

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

UQCR4

Gene ID

[1537](#)

UniProt ID

[P08574](#)