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Product Information

MemDX™ Membrane Protein Human COX8A (Cytochrome c oxidase subunit 8A) Full Length

Cat. No.: **MPC1278K**
This product is for research use only and is not intended for diagnostic use.

This product is a 7.5 kDa Human COX8A 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
COX8A

Protein Length
Full length

Protein Class
Transporter

Molecular Weight
7.5 kDa

TMD
1

Sequence
MSVLTPLLLRGLTGSARRLPVPRAKIHSLPPEGKLGIMELAVGLTSCFVT
FLLPAGWILSHLETYRRPE

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

COX8A

Full Name

Cytochrome c oxidase subunit 8A

Introduction

The protein encoded by this gene is the terminal enzyme of the respiratory chain, coupling the transfer of electrons from cytochrome c to molecular oxygen, with the concomitant production of a proton electrochemical gradient across the inner mitochondrial membrane. In addition to 3 mitochondrially encoded subunits, which perform the catalytic function, the eukaryotic enzyme contains nuclear-encoded smaller subunits, ranging in number from 4 in some organisms to 10 in mammals. It has been proposed that nuclear-encoded subunits may be involved in the modulation of the catalytic function. This gene encodes one of the nuclear-encoded subunits.

Alternative Names

COX8A; COX; COX8; VIII; COX8L; COX8-2; VIII-L; MC4DN15; cytochrome c oxidase subunit 8A, mitochondrial; cytochrome c oxidase polypeptide VIII-liver/heart; cytochrome c oxidase subunit 8-2; cytochrome c oxidase subunit 8A (ubiquitous); cytochrome c oxidase subunit VIII; cytochrome c oxidase subunit VIIIA (ubiquitous); Cytochrome c oxidase subunit 8A

Gene ID

1351

UniProt ID

P10176

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