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Product Information

MemDX™ Membrane Protein Human CISD1 (CDGSH iron sulfur domain 1)

Cat. No.: **MP0234J**
This product is for research use only and is not intended for diagnostic use.

This product is a 12 kDa Human CISD1 membrane protein expressed in HEK293T. 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
CISD1

Protein Length
Full-length

Protein Class
Transmembrane

Molecular Weight
12 kDa

TMD
1

Sequence
MSLTSSSSVRVEWIAAVTIAAGTAAIGYLAYKRFYVKDHRNKAMINLHIQKDNPKIVHAFDMEDLGDKAV
YCRCWRSKKFPFCDGAHTKHNEETGDNVGPLIIKKKET

Product Description

Expression Systems
HEK293T

Tag
C-Myc/DDK

Form
Liquid

Purification
Anti-DDK affinity column followed by conventional chromatography steps

Purity

> 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer

25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol

Storage

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

Target

Target Protein

CISD1

Full Name

CDGSH iron sulfur domain 1

Introduction

This gene encodes a protein with a CDGSH iron-sulfur domain and has been shown to bind a redox-active [2Fe-2S] cluster. The encoded protein has been localized to the outer membrane of mitochondria and is thought to play a role in regulation of oxidation. Genes encoding similar proteins are located on chromosomes 4 and 17, and a pseudogene of this gene is located on chromosome 2.

Alternative Names

ZCD1; MDS029; C10orf70; mitoNEET; zinc finger CDGSH-type domain 1

Gene ID

55847

UniProt ID

Q9NZ45

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