

Product Information

MemDX™ Membrane Protein Human FOXRED1 (FAD dependent oxidoreductase domain containing 1) Full Length

Cat. No.: **MPC2638K**

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

This product is a made-to-order Human FOXRED1 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

FOXRED1

Protein Length

Full length

Protein Class

Transporter

TMD

1

Sequence

MIRRVLP HGMGRGLLTRPGTRRGGFSLDWDGKVSEIKKKIKSILPGRSC
DLLQDTS HLPPEHSDVVIVGGGVLGLSVAYWLKKLESRRGAIRVLVVERD
HTYSQASTGLSVGGICQQFSLPENIQLSLFSASFRLRNINEYLAVVDAPPL
DLRFNPSGYLLLA SEKDAAMESNVKVQRQEGAKVSLMSPDQLRNKFPWI
NTEGVALASYGMEDEGWFDPWCLLQGLRRKVQSLGVLFCQGEVTRFVSSS
QRMLTTDDKAVVLKRIHEVHVKMDRSLEYQPVECAIVINAAGAWSAQIAA
LAGVGEGPPGTLQG TKLPVEPRKRYVYVWHCPQGPGLVADTSGAYF
RREGLSNYLGGRSPTEQEEPD PANLEVDHDFQDKVWPHLALRVPAFET
LKVQSAWAGYYDYNTFDQNGVVGPHPLVVMYFATGFSGHGLQQAPGIGR
AVAEMVLKGRFQTIDLS PFLFTRFYLGKIQENNII

Product Description

Expression Systems

HEK293

Tag

Based on specific requirements

Protein Format

Detergent or based on specific requirements (Detergent, Liposome, Nanodisc, Polymer, VLP)

Form

Liquid

Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -72°C or lower. Avoid freeze/thaw cycles.

Target**Target Protein**

FOXRED1

Full Name

FAD dependent oxidoreductase domain containing 1

Introduction

This gene encodes a protein that contains a FAD-dependent oxidoreductase domain. The encoded protein is localized to the mitochondria and may function as a chaperone protein required for the function of mitochondrial complex I. Mutations in this gene are associated with mitochondrial complex I deficiency. Alternatively spliced transcript variants have been observed for this gene.

Alternative Names

FOXRED1; H17; FP634; MC1DN19; FAD-dependent oxidoreductase domain-containing protein 1; FAD dependent oxidoreductase domain containing 1

Gene ID

[55572](#)

UniProt ID

[Q96CU9](#)