

Product Information

MemDX™ Membrane Protein Human MFN1 (Mitofusin 1) Expressed *in vitro* E.coli **expression system, Full Length**

Cat. No.: **MPX2057K**

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

This product is a Human MFN1 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

MFN1

Protein Length

Full Length

Protein Class

Receptor

TMD

2

Sequence

MAEPVSPLKHFVLAKKAITAIFDQLLEFVTEGSHFVEATYKNPELDRIATEDDLVEMQGYKDKLSIIGEVLSRRHMKVAFFGRTSSGK

Product Description

Expression Systems

in vitro E.coli expression system

Tag

10xHis tag at the N-terminus

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

MFN1

Full Name

Mitofusin 1

Introduction

The protein encoded by this gene is a mediator of mitochondrial fusion. This protein and mitofusin 2 are homologs of the Drosophila protein fuzzy onion (Fzo). They are mitochondrial membrane proteins that interact with each other to facilitate mitochondrial targeting.

Alternative Names

MFN1; hfzo1; hfzo2; fzo homolog; mitochondrial transmembrane GTPase FZO-2; mitochondrial transmembrane GTPase Fzo-1; putative transmembrane GTPase; transmembrane GTPase MFN1; Mitofusin 1

Gene ID

[55669](#)

UniProt ID

[Q8IWA4](#)