

Product Information

MemDX™ Membrane Protein Human MPV17 (Mitochondrial inner membrane protein MPV17)

Expressed *in vitro* *E.coli* expression system, Full Length

Cat. No.: **MPX2150K**

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

This product is a Human MPV17 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

MPV17

Protein Length

Full Length

Protein Class

Receptor

TMD

4

Sequence

MALWRAYQRALAAHPWKVQLTAGSLMGLGDIISQQLVERRGLQEHRGRTLTMVLGCGFVGPGVGGWYKVLDRFIPGTTKVD

Product Description

Expression Systems

in vitro *E.coli* expression system

Tag

10xHis and SUMO tag

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

MPV17

Full Name

Mitochondrial inner membrane protein MPV17

Introduction

This gene encodes a mitochondrial inner membrane protein that is implicated in the metabolism of reactive oxygen species. Mutations in this gene have been associated with the hepatocerebral form of mitochondrial DNA depletion syndrome (MDDS).

Alternative Names

MPV17; SYM1; CMT2EE; MTDPS6; protein Mpv17; MPV17, mitochondrial inner membrane protein; MpV17 mitochondrial inner membrane protein; Mpv17, human homolog of glomerulosclerosis and nephrotic syndrome; Mitochondrial inner membrane protein MPV17

Gene ID

[4358](#)

UniProt ID

[P39210](#)