

Product Information

MemDX™ Membrane Protein Mouse Abcb10 (ATP-binding cassette, sub-family B (MDR/TAP), member 10) Expressed *in vitro* E.coli expression system, Full Length of Mature Protein

Cat. No.: **MPX2599K**

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

This product is a Mouse Abcb10 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

Mouse

Target Protein

Abcb10

Protein Length

Full Length of Mature Protein

Protein Class

Transport

TMD

5

Sequence

AGPRAAHPLFARLQGAAATGVRDLGND SQRRPAATGRSEVWKLLGLVRPERGRLSAAVGFLAVSSVITMSAPFFLGRIIDVIYTNPS

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**

Abcb10

Full Name

ATP-binding cassette, sub-family B (MDR/TAP), member 10

Introduction

This gene encodes a member of the ATP-binding cassette superfamily of transporters. ATP-binding cassette proteins transport various molecules across extra- and intra-cellular membranes. The encoded protein is localized to the mitochondrial inner membrane where it interacts with and stabilizes mitoferrin-1, and is important for heme biosynthesis. Additional evidence suggests the encoded protein is involved in oxidative stress protection and erythropoiesis.

Alternative Names

Abcb10; ABC-m; Abc-me; Abcb12; ATP-binding cassette sub-family B member 10, mitochondrial; ABC-mitochondrial erythroid protein; ATP-binding cassette transporter 10; ATP-binding cassette, sub-family B (MDR/TAP), member 10

Gene ID

[56199](#)

UniProt ID

[Q9JI39](#)