

Product Information

MemDX™ Membrane Protein Human ABCB10 (ATP binding cassette subfamily B member

10) Full Length

Cat. No.: **MPC2129K**

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

This product is a 79.1 kDa Human ABCB10 membrane protein expressed in Baculovirus/Insect 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

ABCB10

Protein Length

Full length

Protein Class

Transporter

Molecular Weight

79.1 kDa

TMD

5

Sequence

MRGPPAWPLRLLEPPSPAEPGRLLPVACVWAAASRVPGSLSPFTGLRPAR
LWGAGPALLWGVGAARRWRSGCRGGGPGASRGVLGLARLLGLWARGPGSC
RCGAFAGPGAPRLPRARFPGGPAAAAWAGDEAWRRGPAAPPGDKGRLRPA
AAGLPEARLKLGLAYPERRRLAAAVGFLTMSSVISMSAPFFLGKIIDVIY
TNPTVDYSDNLTRLCLGLSAVFLCGAAANAIKVYLMQTSQQRIVNRLRTS
LFSSILRQEVAFDCKTRTGELINRLSSDTALLGRSVTENLSDDLRAQAQA
SVGISMMFFVSPNLATFVLSVPPVSIHVIYGRYLRKLTQVTDLSLAQA
TQLAEERIGNVRTVRAFGKEMTEIEKYASKVDHVMQLARKEAFARAGFFG
ATGLSGNLIVLSVLYKGGLLMGSAHMTVGELSSFLMYAFWVGISIGGLSS
FYSELMKGLGAGGRLWELLEREPKLPFNEGVLNEKSFQGALEFKNVHFA
YPARPEVPIFQDFSLSPSGSVTALVGPSGSGKSTVLSLLLRLYDPASGT
ISLDGHDIRQLNPVWLRKIGTVSQEPILFSCSIAENIAYGADDPSSVTA
EEIQRVAEVANAVAFIRNFPQGFNTVVGEKGVLLSGGQKQRIAIARALLK
NPKILLDEATSALDAENEYLVEALDRLMDGRTVLVIAHRLSTIKNANM
VAVLDQKGKITEYKGHEELLSKPNGIYRKL MNKQSFISA

Product Description

Expression Systems

Baculovirus/Insect expression system

Tag

His tag at the N-terminus and His tag at the C-terminus

Protein Format

Detergent or based on specific requirements

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

ABCB10

Full Name

ATP binding cassette subfamily B member 10

Introduction

The membrane-associated protein encoded by this gene is a member of the superfamily of ATP-binding cassette (ABC) transporters. ABC proteins transport various molecules across extra- and intra-cellular membranes. ABC genes are divided into seven distinct subfamilies (ABC1, MDR/TAP, MRP, ALD, OABP, GCN20, White). This protein is a member of the MDR/TAP subfamily. Members of the MDR/TAP subfamily are involved in multidrug resistance. The function of this mitochondrial protein is unknown.

Alternative Names

ABCB10; M-ABC2; MTABC2; EST20237; ATP-binding cassette sub-family B member 10, mitochondrial; ABC transporter 10 protein; ATP-binding cassette transporter 10; ATP-binding cassette, sub-family B (MDR/TAP), member 10; mitochondrial ATP-binding cassette 2; ATP binding cassette subfamily B member 10

Gene ID

[23456](#)

UniProt ID

[Q9NRK6](#)