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Product Information

MemDX™ Membrane Protein Human ABCB9 (ATP binding cassette subfamily B member 9)

Full Length

Cat. No.: **MPC1649K**
This product is for research use only and is not intended for diagnostic use.

This product is a 84.4 kDa Human ABCB9 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
ABCB9

Protein Length
Full length

Protein Class
Transporter

Molecular Weight
84.4 kDa

TMD
8

Sequence
MRLWKAVVVTLAFMSVDICVTTAIYVFSHLDRSLLEDIRHFNIFDSVLDL
WAACLYRSCLLLGATIGVAKNSALGPRRLRASWLVITLVCLFVGIYAMVK
LLLFSEVRRPIRDPWFWALFVWTYISLGASFLLWWLLSTVRPGTQALEPG
AATEAEGFPGSGRPPPEQASGATLQKLLSYTKPDVAFLVAASFFLIVAAL
GETFLPYYTGRAIDGIVIQKSMDQFSTAVVIVCLLAIGSSFAAGIRGGIF
TLIFARLNIRLRNCLFRSLVSQETSFFDENRTGDLISRLTSDTTMVSDLV
SQNINVFLRNTVKVTGVVVFMFSLSWQLSLVTFMGFPIIMMVSNIYGKYY
KRLSKEVQNALARASNTAEETISAMKTVRSFANEEEEAEVYLRKLQQVYK
LNRKEAAAYMYYVWGSGLTLLVVQVSILYYGGHLVISGQMTSGNLIAFII
YEFVLGDCMESVGSVYSGLMQGVGAAEKVFEFIDRQPTMVHDGSLAPDHL
EGRVDFENVTFTYRTRPHTQVLQNVSFSLSPGKVTALVGPSGSGKSSCVN
ILENFYPLEGGRVLLDGKPISAYDHKYLHRVISLVSQEPVLFARSITDNI
SYGLPTVPFEMVVEAAQKANAHGFIMELQDGYSTETGEKGAQLSGGQKQR
VAMARALVRNPPVLILDEATSALDAESEYLIQQAIHGNLQKHTVLIIAHR
LSTVEHAHLIVVLDKGRVVQQGTHQQLLAQGGLYAKLVQRQMLGLQPAAD
FTAGHNEPVANGSHKA

Product Description

Expression Systems

HEK293

Tag

Based on specific requirements

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 -70°C or lower. Avoid freeze/thaw cycles.

Target

Target Protein

ABCB9

Full Name

ATP binding cassette subfamily B member 9

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 as well as antigen presentation. This family member functions in the translocation of peptides from the cytosol into the lysosomal lumen. Alternative splicing of this gene results in distinct isoforms which are likely to have different substrate specificities.

Alternative Names

ABCB9; TAPL; EST122234; ATP-binding cassette sub-family B member 9; ABC transporter 9 protein; ATP-binding cassette, sub-family B (MDR/TAP), member 9; TAP-like protein; ATP binding cassette subfamily B member 9

Gene ID

23457

UniProt ID

Q9NP78