

Product Information

MemDX™ Membrane Protein Human ABCB6 (ATP binding cassette subfamily B member 6)

Full Length

Cat. No.: **MPC0374K**

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

This product is a 93.8 kDa Human ABCB6 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

ABCB6

Protein Length

Full length

Protein Class

Transporter

Molecular Weight

93.8 kDa

TMD

10

Sequence

MVTVGNYCEAEGPVGPAWMQDGLSPCFFFTLVPSTRMALGTLALVLALPC
RRRERPAGADSLSWGAGPRISPYVLQLLLATLQAALPLAGLAGRVGTARG
APLPSYLLLASVLESLAGACGLWLLVVERSQARQRLAMGIWIKFRHSPGL
LLLWTVAFAAENLALVSWNSPQWWWARADLGQQVQFSLWVLRVYVSGGLF
VLGLWAPGLRPQSYTLQVHEEDQDVERSQVRSAAQQSTWRDFGRKLRLLS
GYLWPRGSPALQLVVLICLGLMGLERALNVLPFIYRNIVNLLTEKAPWN
SLAWTVTSYVFLKFLQGGGTGSTGFVSNLRTFLWIRVQQFTSRRVELLIF
SHLHELRLRWHLGRRTGEVLRIADRGTSSTGLLSYLVFNVIPTLADIII
GIIYFSMFFNAWFGLIVFLCMSLYLTLTIVVTEWRTKFRRAMNTQENATR
ARAVDLLNFETVKYYNAESYEVERYREAIKYYQGLEWKSSASLVLLNQT
QNLVIGLGLLAGSLLCAYFVTEQKLQVGDYVLFGTYYIIQLYMPLNWFQTY
YRMIQTNFIDMENMFDLLKEETEYKDLPGAGPLRFQKGRIEFENVHFSYA
DGRETLDVSFTVMPGQTLALVGPAGKSTILRLLFRFYDISSGCIRID
GQDISQVTQASLRSHIGVVPQDTVLFNDTIADNIRYGRVTAGNDEVEAAA
QAAGIHDAIMAFPEGYRTQVGERGLKLSGGEKQRVAIARTILKAPGIILL
DEATSALDTSNERAIQASLAKVCANRTTIVVAHRLSTVVNADQILVIKDG
CIVERGRHEALLSRGGVYADMWQLQQGQEETSEDTKPQTMER

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

ABCB6

Full Name

ATP binding cassette subfamily B member 6

Introduction

This gene encodes a member of the ATP-binding cassette (ABC) transporter superfamily. ABC proteins transport various molecules across extra- and intra-cellular membranes. This protein is a member of the heavy metal importer subfamily and plays a role in porphyrin transport. This gene is the molecular basis of the Langereis (Lan) blood group antigen and mutations in this gene underlie familial pseudohyperkalemia and dyschromatosis universalis hereditaria.

Alternative Names

ABC; LAN; PRP; umat; MTABC3; ATP-binding cassette sub-family B member 6, mitochondrial; ATP-binding cassette half-transporter; ATP-binding cassette, sub-family B (MDR/TAP), member 6 (Langereis blood group); P-glycoprotein-related protein; mitochondrial ABC transporter 3; mt-ABC transporter 3; truncated ATP binding cassette subfamily b member 6; ubiquitously-expressed mammalian ABC half transporter; ABCB6; ATP binding cassette subfamily B member 6

Gene ID

[10058](#)

UniProt ID

[Q9NP58](#)