

Product Information

MemDX™ Membrane Protein Human ABCC10 (ATP binding cassette subfamily C member

10) Full Length

Cat. No.: **MPC0350K**

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

This product is a 161.6 kDa Human ABCC10 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

ABCC10

Protein Length

Full length

Protein Class

Transporter

Molecular Weight

161.6 kDa

TMD

17

Sequence

MERLLAQLCGSSAAWPLPLWEGDTTGHCFQQLVLSALPHALLAVLSACYL
GTPRSPDYILPCSPGWRLRLAASFLLSVFPLDLLPVALPPGAGPGPIGL
EVLAGCVAABAWISHSLALWVLAHSPHGHSGPLALALVALLPAPALVLT
VLWHCQRGTLLPPLPGPMARLCLLILQLAALLAYALGWAAPGGPREPWA
QEPLLPEDQEPEVAEDGESWLSRFSYAWLAPLLARGACGELRQPQDICRL
PHRLQPTYLARVFQAHWQEGARLWRALYGAFGRCYLALGLLKLVTMLGF
SGPLLLSLLVGFLEEGQEPLSHGLLYALGLAGGAVLGAVLQNQYGYEVYK
VTLQARGAVLNILYCKALQLGPSRPPTGEALNLLGTDSERLNLFAGSFHE
AWGLPLQLAITLYLLYQQVGVAFVGGILALLVPVNKVIATRIMASNQE
MLQHKDARVKLVTELLSGIRVIKFCGWEQALGARVEACRARELGRLRVIK
YLDAACVYLWAALPVVISIVIFITYVLMGHQLTATKVFTALALVRMLILP
LNNFPWVINGLLEAKVSLDRIQLFLDLPNHNPPQAYYSPDPPAEPSTVLEL
HGALFSWDPVGTSLETFISHLEVKKGMLVGIVGKVGCGKSSLLAAIAGEL
HRLRGHVAVRGLSKGFGLATQEPWIQFATIRDNILFGKTFDAQLYKEVLE
ACALNDDL SILPAGDQTEVGEKGVTLSSGQRARIALARAVYQEKELYLLD
DPLAAVDADVANHLLHRCILGMSYTTTLLCTHRTEYLERADAVLLMEAG
RLIRAGPPSEILPLVQAVPKAWAENGQESDSATAQSVQNPEKTKEGLEEE
QSTSGRLLQEESKKEGAVALHVVYQAYWKAVGQGLALAILFSLLLMQATRN
AADWWLSHWISQLKAENSSQEAQPSTSPASMGFLFSPQLLLFSPGNLYIPV

FPLPKAAPNGSSDIRFYLTVYATIAGVNSLCTLLRAVLFAAGTLQAAATL
HRRLLHRVLMAPVTFFNATPTGRILNRFSSDVACADDSLPFILNILLANA
AGLLGLLAVLGSGLPWLLLLLPPLSIMYYHVQRHYRASSRELRRLGSLTL
SPLYSHLADTLAGLSVLRATGATYRFEEENLRLELNQRCQFATSATMQW
LDIRLQLMGAAVVSAIAGIALVQHQQGLANPGLVGLSLSYALSLTGLLSG
LVSSFTQTEAMLVSVERLEEYTCDLPEPQQGQPLQLGTGWLTQGGVEFQD
VVLAYRPGLPNALDGVTFCVQPGKELGIVGRTGSGKSSLLLVFRLLEPS
SGRVLLDGVDTSQLAQLRSQLAIPQEPFLFSGTVRENLDPOGLHKDR
ALWQALKQCHLSEVITSMGGDLGELGEGGRSLSLGQRQLLCLARALLTDA
KILCIDEATASVDQKTDQLLQQTICKRFANKTVLTIAHRLNTILNSDRVL
VLQAGRVELDSPATLRNQPHSLFQQLQSSQQGVPAASLGGP

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

ABCC10

Full Name

ATP binding cassette subfamily C member 10

Introduction

The 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, and White). This ABC full-transporter is a member of the MRP subfamily which is involved in multi-drug resistance. Multiple transcript variants encoding different isoforms have been found for this gene.

Alternative Names

MRP7; SIMRP7; EST182763; ATP-binding cassette sub-family C member 10; ATP-binding cassette, sub-family C (CFTR/MRP), member 10; multidrug resistance-associated protein 7; ABCC10; ATP binding cassette subfamily C member 10

Gene ID

[89845](#)

UniProt ID

[Q5T3U5](#)