

Product Information

MemDX™ Membrane Protein Human ABCC11 (ATP binding cassette subfamily C member 11) for Antibody Discovery

Cat. No.: **MP0004X**

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

This product is a 88.5 kDa Human ABCC11 membrane protein expressed in *in vitro* wheat germ 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

ABCC11

Protein Length

Full-length

Molecular Weight

88.5 kDa

TMD

17

Sequence

MTRKRTYWVPNSSGGLVNRGIDIGDDMVSGLIYKTYTLQDGPWSQQERNPEAPGRAAVPPWGKYDAALRTMIPFRPKPRFPAPQ

Product Description

Application

Enzyme-linked Immunoabsorbent Assay, Western Blot (Recombinant protein), Antibody Production, Protein Array

Expression Systems

in vitro wheat germ expression system

Tag

GST-tag at N-terminal

Form

Liquid

Purification

Glutathione Sepharose 4 Fast Flow

Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer

Storage

Store at +4°C for up to one week or several months at -80°C

Target**Target Protein**

ABCC11

Full Name

ATP binding cassette subfamily C member 11

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, White). This ABC full transporter is a member of the MRP subfamily which is involved in multi-drug resistance. The product of this gene participates in physiological processes involving bile acids, conjugated steroids, and cyclic nucleotides. In addition, a SNP in this gene is responsible for determination of human earwax type. This gene and family member ABCC12 are determined to be derived by duplication and are both localized to chromosome 16q12.1. Multiple alternatively spliced transcript variants have been described for this gene.

Alternative Names

EWWD; MRP8; WW; ATP-binding cassette protein C11, ATP-binding cassette transporter MRP8; ATP-binding cassette, sub-family C, member 11; OTTHUMP00000164191; multi-resistance protein 8

Gene ID

[85320](#)

UniProt ID

[Q96J66](#)