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Product Information

MemDX™ Membrane Protein Human ABCC6 (ATP binding cassette subfamily C member 6) for Antibody Discovery

Cat. No.: **MP0007X**
This product is for research use only and is not intended for diagnostic use.

This product is a 37.2 kDa Human ABCC6 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
ABCC6

Protein Length
Full-length

Molecular Weight
37.2 kDa

TMD
17

Sequence
MAAPAEPCAGQGVWNQTEPEPAATSLLSLCFLRTAGVWVPPMYLWVLGPIYLLFIHHHGRGYLRMSPLFKAKMVAAIPGSLEPGNV

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

ABCC6

Full Name

ATP binding cassette subfamily C member 6

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). The encoded protein, a member of the MRP subfamily, is involved in multi-drug resistance. Mutations in this gene cause pseudoxanthoma elasticum. Alternatively spliced transcript variants that encode different proteins have been described for this gene.

Alternative Names

ABC34; ARA; EST349056; MLP1; MOATE; MRP6; PXE; PXE1; ATP-binding cassette, sub-family C, member 6,anthracycline resistance-associated

Gene ID

368

UniProt ID

O95255