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Product Information

MemDX™ Membrane Protein Human ABCE1 (ATP binding cassette subfamily E member 1) for Antibody Discovery

Cat. No.: **MP0010X**
This product is for research use only and is not intended for diagnostic use.

This product is a 93.7 kDa Human ABCE1 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
ABCE1

Protein Length
Full-length

Molecular Weight
93.7 kDa

Sequence
MADKLTRIAIVNHDKCKPKKCRQECKKSCPVVRMGKLCIEVTPQSKIAWISETLCIGCGICIKKCPFGALSIVNLPSNLEKETTHRYCA

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

ABCE1

Full Name

ATP binding cassette subfamily E member 1

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 protein is a member of the OABP subfamily. Alternatively referred to as the RNase L inhibitor, this protein functions to block the activity of ribonuclease L. Activation of ribonuclease L leads to inhibition of protein synthesis in the 2-5A/RNase L system, the central pathway for viral interferon action. Two transcript variants encoding the same protein have been found for this gene.

Alternative Names

ABC38; OABP; RLI; RNASEL1; RNASELI; RNS4I; ATP-binding cassette, sub-family E, member 1; RNase L inhibitor,ribonuclease L (2',5'-oligoisoadenylate synthetase-dependent) inhibitor

Gene ID

6059

UniProt ID

P61221

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