SUITE 203, 17 Ramsey Road, Shirley, NY 11967, USA
Tel: 1-631-416-1478 Fax: 1-631-207-8356
Email: info@creative-biolabs.com
www.creative-biolabs.com

Product Information

MemDX™ Membrane Protein Human ABCG1 (ATP binding cassette subfamily G member 1)

Expressed *in vitro E.coli* expression system, Full Length

Cat. No.: **MPX2855K**
This product is for research use only and is not intended for diagnostic use.

This product is a Human ABCG1 membrane protein expressed *in vitro E.coli* 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
ABCG1

Protein Length
Full Length

Protein Class
Transport

TMD
6

Sequence
MACLMAAFSVGTAMNASSYSAEMTEPKSVCVSVDEVVSSNMEATETDLLNGHLKKVDNNLTEAQRFSSLPRRAAVNIEFRDLSYS

Product Description

Expression Systems
in vitro E.coli expression system

Tag
10xHis tag at the N-terminus

Protein Format
Soluble

Form
Liquid or Lyophilized powder

Buffer

Tris/PBS-based buffer, 6% Trehalose, pH 8.0

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

ABCG1

Full Name

ATP binding cassette subfamily G 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 White subfamily. It is involved in macrophage cholesterol and phospholipids transport, and may regulate cellular lipid homeostasis in other cell types. Six alternative splice variants have been identified.

Alternative Names

ABCG1; ABC8; WHITE1; ABC transporter 8; ATP-binding cassette transporter 8; ATP-binding cassette transporter member 1 of subfamily G; ATP-binding cassette, sub-family G (WHITE), member 1; homolog of Drosophila white; white protein homolog (ATP-binding cassette transporter 8); ATP binding cassette subfamily G member 1

Gene ID

9619

UniProt ID

P45844

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