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Product Information

MemDX™ Membrane Protein Human ABCG4 (ATP binding cassette subfamily G member 4)

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

Cat. No.: **MPX2843K**
This product is for research use only and is not intended for diagnostic use.

This product is a Human ABCG4 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
ABCG4

Protein Length
Full Length

Protein Class
Transport

TMD
6

Sequence
MAEKALEAVGCGLGPGAVAMAVTLEDGAEPPVLTTHLKKVENHITEAQRFSHLPKRSAVDIEFVELSYSVREGPCWRKRGYKTLLK

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

ABCG4

Full Name

ATP binding cassette subfamily G member 4

Introduction

The protein encoded by this gene is a member of the ATP-binding cassette (ABC) transporter superfamily. 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 is a member of the White subfamily and plays an important role in cellular cholesterol homeostasis. This protein functions as either a homodimer or as a heterodimer with another ABC subfamily protein such as ABCG1.

Alternative Names

ABCG4; WHITE2; ATP-binding cassette sub-family G member 4; ATP-binding cassette, sub-family G (WHITE), member 4; putative ABC transporter; ATP binding cassette subfamily G member 4

Gene ID

64137

UniProt ID

Q9H172