

Product Information

MemDX™ Membrane Protein Human PLSCR1 (Phospholipid scramblase 1) for Antibody

Discovery

Cat. No.: **MP1030X**

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

This product is a 60.72 kDa Human PLSCR1 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

PLSCR1

Protein Length

Full-length

Molecular Weight

60.72 kDa

TMD

1

Sequence

MDKQNSQMNASHPETNLPVGYPYPPTAFQGPPGYSGYPGPQVSYPPPPAGHSGPGPAGFPVPNQPVYNQPVYNQPVGAAG

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, 150 mM NaCl, 0.05% Brij35, 1 mM DTT, 10% glycerol, pH7.5

Storage

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

Target**Target Protein**

PLSCR1

Full Name

Phospholipid scramblase 1

Introduction

May mediate accelerated ATP-independent bidirectional transbilayer migration of phospholipids upon binding calcium ions that results in a loss of phospholipid asymmetry in the plasma membrane. May play a central role in the initiation of fibrin clot formation, in the activation of mast cells and in the recognition of apoptotic and injured cells by the reticuloendothelial system.

Alternative Names

MMTRA1B; phospholipid scramblase 1; PL scramblase 1; Ca^{2+} -dependent phospholipid scramblase 1; erythrocyte phospholipid scramblase

Gene ID

[5359](#)

UniProt ID

[O15162](#)