

# 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](#)