

# Product Information

## **MemDX™ Membrane Protein Human LRPAP1 (LDL receptor related protein associated protein 1) for Antibody Discovery**

Cat. No.: **MP0657X**

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

This product is a 65.67 kDa Human LRPAP1 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**

LRPAP1

#### **Protein Length**

Full-length

#### **Molecular Weight**

65.67 kDa

#### **Sequence**

MAPRRVRSFLRGLPALLLLLFLGPWPAASHGGKYSREKNQPKPSPKRESGEEFRMEKLNQLWEKAQRLHLPVRLAELHADLKIC

### 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**

LRPAP1

**Full Name**

LDL receptor related protein associated protein 1

**Introduction**

This gene encodes a protein that interacts with the low density lipoprotein (LDL) receptor-related protein and facilitates its proper folding and localization by preventing the binding of ligands. Mutations in this gene have been identified in individuals with myopia 23. Alternative splicing results in multiple transcript variants

**Alternative Names**

RAP; MRAP; A2RAP; HBP44; MYP23; A2MRAP; alpha-2-MRAP

**Gene ID**

[4043](#)

**UniProt ID**

[P30533](#)