

## Product Information

### MemDX™ Membrane Protein Human LRPAP1 (LDL receptor related protein associated protein 1 expressed in HEK293T) for Antibody Discovery

Cat. No.: **MP0956J**

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

This product is a 37.7 kDa Human LRPAP1 membrane protein expressed in HEK293T. 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

##### Protein Class

Druggable Genome, Transmembrane

##### Molecular Weight

37.7 kDa

##### Sequence

MAPRRVRSFLRGLPALLLLLLFLGPWPAASHGGKYSREKNQPKPSPKRESGEEFRMEKLNQLWEKAQRLH  
LPPVRLAELHADLKIQRDELAWKKLKDGLDEDEGEKEARLIRNLNVILAKYGLDGKKDARQVTSNSLSG  
TQEDGLDDPRLEKLWHKAKTSGKFSGEELDKLWREFLHHKEKVHEYNVLLETLSRTEEIHENVISPSDLS  
DIKGSVLHSRHTELKEKLRSINQGLDRLRRVSHQGYSTAEFEPRVIDLWDLAQSANLTDKELEAFREE  
LKHFEAKIEKHNYQKQLEIAHEKLRHAESVGDGERVSRSEKHALLEGRTKELGYTVKKHLQDLSGRIS  
RARHNEL

#### Product Description

##### Expression Systems

HEK293T

##### Tag

C-Myc/DDK

##### Form

Liquid

**Purification**

Anti-DDK affinity column followed by conventional chromatography steps

**Purity**

> 80% as determined by SDS-PAGE and Coomassie blue staining

**Buffer**

25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol

**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](#)