

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
LPPVRLAELHADLKIQERDELAWKKLKLDGLDEDGEKEARLIRNLNVILAKYGLDGKKDARQVTSNSLSG
TQEDGLDDPRLEKLWHKAKTSGKFSGEELDKLWREFLHHKEKVHEYNVLLETLSRTEEIHENVISPSDLS
DIKGSVLHSRHTELKEKLR SINQGLDRLRRVSHQGYSTEAEFEEPRVIDLWDLAQSANLTDKELEAFREE
LKHFEAKIEKHNHYQKQLEIAHEKLRHAESVGDGERVSRSREKHALLEGRKTKEGYTVKKHLQDLSGRIS
RARHNEI

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](#)