

Recombinant Human LRPAP1 Protein

Cat. No. LRPAP1-01H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human LRPAP1 Protein without tag was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	1-357 aa
Description	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.
Molecular Mass	73 kDa
AA Sequence	MAPRRVRSFLRGLPALLLLLLFLGPWPAASHGGKYSREKNQPKPSPKRESGEEFRM EKLNLWEKAQRLHLPVRLAELHADLKIQRDELAWKKLKLDGLDEDEGEKEARLIR NLNVILAKYGLDGKKDARQVTSNSLSGTQEDGLDDPRLEKLWHKAKTSGKFSGEEL DKLWREFLHHKEKVHEYNVLLETLSRTEEIHENVISPSDLSDIKGSVLHSRHTELKEK LRSINQGLDRLRRVSHQGYSTAEFEPRVIDLWDLAQSANLTDKELEAFREELKHF EAKIEKHNYQKQLEIAHEKLRHAESVGDGERVSRREKHALLLEGRTKELGYTVKKH LQDLSGRISRARHNELTGGSGGNSAPLERKSSVECPPCPAPPVAGPSVFLFPPKPK DTLNISRTPEVTCVVVDVSHEDPEVQFNWYVDGVEVHNAKTKPREEQFNSTFRVVS VLTVVHQDWLNGKEYKCKVSNKGLPAPIEKTISKTKGQPREPQVYTLPPSREEMTK NQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTPPMLDSDGSFFLYSKLTVDKSR

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	WQQGNVFSCSVMHEALHNHYTQKSLSLSPGARTGGGGSGGGGSSTRKQNYMMN FSRQHGLRRFYNNRRRRSLRRYP
Endotoxin	< 1 EU/μg by LAL.
Purity	> 90 % by SDS-PAGE
Storage	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Storage Buffer	Sterile PBS, pH7.4
Concentration	1.75 mg/mL by BCA

GENE INFORMATION

Gene Name	LRPAP1 LDL receptor related protein associated protein 1 [Homo sapiens (human)]
Official Symbol	LRPAP1
Synonyms	LRPAP1; LDL receptor related protein associated protein 1; RAP; MRAP; A2RAP; HBP44; MYP23; A2MRAP; alpha-2-MRAP; alpha-2-macroglobulin receptor-associated protein; 39 kDa receptor-associated protein; low density lipoprotein receptor-related protein associated protein 1; low density lipoprotein-related protein-associated protein 1 (alpha-2-macroglobulin receptor-associated protein 1)
Gene ID	4043
mRNA Refseq	NM_002337
Protein Refseq	NP_002328

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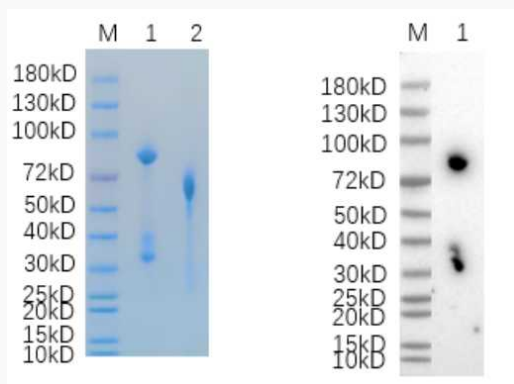
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MIM 104225

UniProt ID P30533

Reducing 12 % SDS-PAGE (CBB stained) and WB (Goat Anti-Human IgG/HRP antibody) analysis profiles of purified LRPAP1.



1. LRPAP1
2. BSA

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