

Recombinant Human LRPAP1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. LRPAP1-6640H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	LRPAP1 MS Standard C13 and N15-labeled recombinant protein (NP_002328) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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	41.5 kDa
AA Sequence	MAPRRVRSFLRGLPALLLLLLFLGPWPAASHGGKYSREKNQPKPSPKRESGEEFRM EKLNLWEKAQRLHLPVRLAELHADLKIQRDELAWKKLKLDGLDEDEGEKEARLIR NLNVILAKYGLDGKKDARQVTSNSLSGTQEDGLDDPRLEKLWHKAKTSGKFSGEEL DKLWREFLHHKEKVHEYNVLLETLSRTEEIHENVISPSDLSDIKGSVLHSRHTELKEK LRSINQGLDRLRRVSHQGYSTAEFEPRVIDLWDLAQSANLTDKELEAFREELKHF EAKIEKHNHYQKQLEIAHEKLRHAESVGDGERVSRSEKHALLEGRTKELGYTVKKH LQDLSGRISRARHNELTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	LRPAP1 low density lipoprotein receptor-related protein associated protein 1 [Homo sapiens (human)]
Official Symbol	LRPAP1
Synonyms	LRPAP1; low density lipoprotein receptor-related protein associated protein 1; A2MRAP, low density lipoprotein related protein associated protein 1 (alpha 2 macroglobulin receptor associated protein 1); alpha-2-macroglobulin receptor-associated protein; HBP44; alpha-2-MRAP; lipoprotein receptor associated protein; alpha-2-macroglobulin receptor-associated protein 1; low density lipoprotein receptor-related protein-associated protein 1; low density lipoprotein-related protein-associated protein 1 (alpha-2-macroglobulin receptor-associated protein 1); RAP; MRAP; A2RAP; A2MRAP; MGC138272;
Gene ID	4043
mRNA Refseq	NM_002337
Protein Refseq	NP_002328

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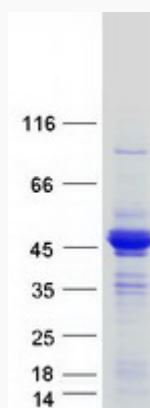
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MIM 104225

UniProt ID P30533

SDS-PAGE



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