

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

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

## SPECIFICATION

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

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<b>Stability</b>	Stable for 3 months from receipt of products under proper storage and handling conditions.
<b>Storage</b>	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
<b>Concentration</b>	50 µg/mL as determined by BCA
<b>Storage Buffer</b>	100 mM glycine, 25 mM Tris-HCl, pH 7.3.
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	LRPAP1 low density lipoprotein receptor-related protein associated protein 1 [ Homo sapiens (human) ]
<b>Official Symbol</b>	LRPAP1
<b>Synonyms</b>	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;
<b>Gene ID</b>	4043
<b>mRNA Refseq</b>	NM_002337
<b>Protein Refseq</b>	NP_002328

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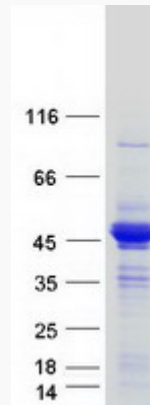
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MIM 104225

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SDS-PAGE



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