

Recombinant Human LRPAP1

Cat. No. LRPAP1-29430TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human LRPAP1; MWt 39 kDa. Prepared as a fusion protein with a proprietary tag which is cleaved with thrombin. Purified to lower levels of endotoxin.
Species	Human
Source	E.coli
Description	Low density lipoprotein receptor-related protein associated protein 1 also known as LRPAP1 or RAP is a chaperone protein which in humans is encoded by the LRPAP1 gene.
Biological activity	Binds with high affinity to certain members of the low-density lipoprotein (LDL) receptor family such as LRP, gp330/megalin, and the very low-density lipoprotein (VLDL) receptor.
Form	Liquid
Purity	>90% by SDS-PAGE
Storage buffer	Preservative: None Constituents: 0.15M Sodium chloride, 0.0067M PBS, pH 7.4
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.

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Sequence Similarities	Belongs to the alpha-2-MRAP family.
Full Length	Full L.
GENE INFORMATION	
Gene Name	LRPAP1 low density lipoprotein receptor-related protein associated protein 1 [Homo sapiens]
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;
Gene ID	4043
mRNA Refseq	NM_002337
Protein Refseq	NP_002328
MIM	104225
Uniprot ID	P30533
Chromosome Location	4p16.3
Pathway	Lissencephaly gene (LIS1) in neuronal migration and development, organism-specific biosystem; Reelin signaling pathway, organism-specific biosystem; Signaling events

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mediated by the Hedgehog family, organism-specific biosystem;

Function

asialoglycoprotein receptor activity; heparin binding; lipase binding; low-density lipoprotein particle receptor binding; receptor antagonist activity;

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