Active Recombinant Human LRPAP1 protein, His-tagged

Cat. No. LRPAP1-2264H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human LRPAP1 protein(NP_002328.1) (Tyr 35-Leu 357) was expressed in HEK293, fused with a signal peptide at the N-terminus and a polyhistidine tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	35-357 aa
Form	Lyophilized from sterile PBS, pH 7.4.
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized human LRPAP1 at 0.5 μg/ml can bind human VLDLR with a range of 3.2-400 ng/ml.
Molecular Mass	The secreted recombinant human LRPAP1 consists of 334 amino acids with the predicted molecular mass of 39.2 kDa. As a result of glycosylation, rh LRPAP1 migrates as an approximately 43 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method.
Purity	> 92 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-

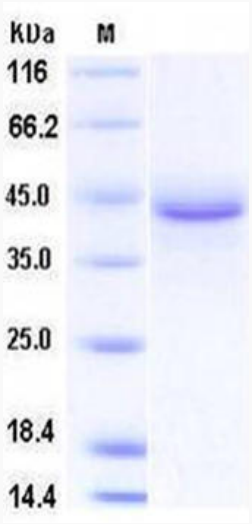
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	thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.
protein Refseq-Weblink	http://www.ncbi.nlm.nih.gov/protein/NP_002328.1
Unit ID	P30533
Unit ID-Weblink	https://www.uniprot.org/uniprotkb/P30533

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; 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

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protein Refseq	NP_002328
MIM	104225
SDS-PAGE	

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