

Recombinant Mouse LRPAP1 protein(Gln29-Leu360), His-tagged

Cat. No. Lrpap1-3359M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse LRPAP1 (NP_038615.2) (Gln 29-Leu 360) was expressed in HEK293, fused with a signal peptide at the N-terminus and a polyhistidine tag at the C-terminus.
Species	Mouse
Source	HEK293
ProteinLength	29-360 a.a.
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized mouse LRPAP1 at 0.5 µg/ml can bind human VLDLR with a linear range of 1.28-32 ng/ml.
Molecular Mass	The recombinant mouse LRPAP1 comprises 343 amino acids with a predicted molecular mass of 40.4 kDa. As a result of glycosylation, it migrates as an approximately 46 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 95 % as determined by SDS-PAGE

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Storage Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-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.

GENE INFORMATION

Gene Name [Lrpap1 low density lipoprotein receptor-related protein associated protein 1 \[Mus musculus \]](#)

Official Symbol [LRPAP1](#)

Synonyms LRPAP1; low density lipoprotein receptor-related protein associated protein 1; alpha-2-macroglobulin receptor-associated protein; HBP-44; alpha-2-MRAP; heparin-binding protein 44; low density lipoprotein receptor-related protein-associated protein 1; low density lipoprotein receptor related protein, associated protein 1; Alpha-2-macroglobulin receptor-associated protein precursor (Alpha-2-MRAP) (Low density lipoprotein receptor-related protein-associated protein 1) (RAP) (Heparin binding protein-44) (HBP-44); RAP; HBP44; C77774; AA617339; AI790446; AU042172;

Gene ID [16976](#)

mRNA Refseq [NM_013587](#)

Protein Refseq [NP_038615](#)

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