

Recombinant Human LRPAP1 Protein, His-tagged

Cat. No. LRPAP1-2017H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human LRPAP Protein is produced by E. coli expression system. The target protein is expressed with sequence (Tyr35-Leu357) of human LRPAP (Accession #NP_002328.1) fused with an initial Met at the N-terminus and a 6×His tag at the C-terminus.
Species	Human
Source	E.coli
ProteinLength	Tyr35-Leu357
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.
Form	Lyophilized from sterile PBS, pH 7.4, 5 % trehalose, 5 % mannitol.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 90% as determined by SDS-PAGE
Stability	Samples are stable for up to twelve months from date of receipt at -70°C.
Storage	Store it under sterile conditions at -20°C~-70°C. It is recommended that the protein be

 Tel: 1-631-559-9269 1-516-512-3133

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 45-1 Ramsey Road, Shirley, NY 11967, USA

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 [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

Protein Refseq

NP_002328

MIM

104225

UniProt ID

P30533

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