

## Recombinant Human LRPAP1 Protein, His-tagged

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

### SPECIFICATION

<b>Product Overview</b>	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 6xHis tag at the C-terminus.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	Tyr35-Leu357
<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>Form</b>	Lyophilized from sterile PBS, pH 7.4, 5 % trehalose, 5 % mannitol.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method.
<b>Purity</b>	> 90% as determined by SDS-PAGE
<b>Stability</b>	Samples are stable for up to twelve months from date of receipt at -70°C.
<b>Storage</b>	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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 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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