

## Recombinant Human LRPAP1 Protein, MYC/DDK-tagged

Cat. No. LRPAP1-848H    Lot. No. (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                               |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant human LRPAP1 protein, fused to MYC/DDK tag at C-terminus, was expressed in HEK293.                                                                                                                                                                                                                                                                                |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                                                                        |
| <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. [provided by RefSeq, Dec 2013]. |
| <b>Form</b>             | 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.                                                                                                                                                                                                                                                                                                                        |
| <b>Molecular Mass</b>   | 37.7 kDa                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Purity</b>           | > 80% as determined by SDS-PAGE and Coomassie blue staining                                                                                                                                                                                                                                                                                                                   |
| <b>Concentration</b>    | >50 ug/mL as determined by microplate BCA method                                                                                                                                                                                                                                                                                                                              |

### GENE INFORMATION

|                  |                                                                   |
|------------------|-------------------------------------------------------------------|
| <b>Gene Name</b> | LDL receptor related protein associated protein 1[ Homo sapiens ] |
|------------------|-------------------------------------------------------------------|

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|                 |                                                      |
|-----------------|------------------------------------------------------|
| Official Symbol | LRPAP1                                               |
| Synonyms        | A2MRAP; A2RAP; alpha-2-MRAP; HBP44; MRAP; MYP23; RAP |
| Gene ID         | 4043                                                 |
| mRNA Refseq     | NM_002337.3                                          |
| Protein Refseq  | NP_002328                                            |
| MIM             | 104225                                               |

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