

# Recombinant Full Length Human LRPAP1 Protein, GST-tagged

Cat. No. LRPAP1-6026HF Lot. No. (See product label)

## SPECIFICATION

**Product Overview** Human LRPAP1 full-length ORF (BAG35576.1, 1 a.a. - 357 a.a.) recombinant protein with GST tag at N-terminal.

**Species** Human

**Source** In Vitro Cell Free System

**Protein Length** 357 amino acids

**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. [provided by RefSeq, Dec 2013]

**Molecular Mass** 65.67 kDa

**AA Sequence**

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MAPRRVRSFLRGLPALLLLLLFLGPWPAASHGGKYSREKNQPKPSPKRESGEEFRM
EKLNQLWEKAQRLHLPVRLAELHADLKIQRDELAWKKLKDGLDEDEGEKEARLIR
NLNVILAKYGLDGKKDARQVTSNSLSGTQEDGLDDPRLEKLWHKAKTSGKFSGEEL
DKLWREFLHHKEKVHEYNVLLETLSRTEEIHENVISPSDLSDIKGSVLHSRHTELKEK
LRSINQGLDRLRRVSHQGYSTAEFEPRVIDLWDLAQSANLTDKELEAFREELKHF
EAKIEKHKHYQKQLEIAHEKLRHAESVGDGERVSRRSREKHALLEGRTELGYTVKKH
LQDLSGRISRARHNEL
```

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<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
<b>Notes</b>	Best use within three months from the date of receipt of this protein.
<b>Storage</b>	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	LRPAP1 low density lipoprotein receptor-related protein associated protein 1 [ Homo sapiens ]
<b>Official Symbol</b>	LRPAP1
<b>Synonyms</b>	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;
<b>Gene ID</b>	4043
<b>mRNA Refseq</b>	NM_002337

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**Protein Refseq** [NP\\_002328](#)

**MIM** [104225](#)

**UniProt ID** [P30533](#)

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