

Low Density Lipoprotein Receptor-Related Protein Associated Protein 1 Recombinant Protein | LRPAP1 recombinant protein

Recombinant Human Low Density Lipoprotein Receptor-Related Protein Associated Protein 1

CATALOG #

AAA39026

PRODUCT SYNONYMS

Low Density Lipoprotein Receptor-Related Protein Associated Protein 1; Recombinant Human Low Density Lipoprotein Receptor-Related Protein Associated Protein 1; Low density lipoprotein-related protein-associated protein 1 (alpha-2-macroglobulin receptor-associated protein 1); A2MRAP; HBP44; RAP; A2RAP; Alpha-2-MRAP.; LRPAP1 recombinant protein

PRODUCT SPECIFICATIONS

Purity/Purification	Greater than 90% as determined by SDS-PAGE.
Form/Format	The LRPAP1 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 1mM DTT and 20% glycerol. Sterile Filtered colorless solution.
Sequence	<u>MGSSHHH HHHSSGLVPR GSHMGSHM u>YSREKNQP KPSPKRESGE EFRMEKLNQL WEKAQRLHLP</u> <u>PVRLAELHAD LKIQERDELA WKKLKLDGLD EDGEKEARLI RNLNVILAKY GLDGKKDARQ VTSNSLSGTQ</u> <u>EDGLDDPRLE KLWHKAKTSG KFSGEELDKL WREFLHHKEK VHEYNVLLET LSRTEEIHEN VISPSDLSDI</u> <u>KGSVLHSRHT ELKEKLRSIN QGLDRLRRVS HQGYSTAEF EEPRVIDLWD LAQSANLTDK ELEAFREELK</u> <u>HFEAKIEKHN HYQKQLEIAH EKL RHAESVG DGERVSR SRE KHALLEGRTK ELGYTVKKHL QDLSGRISRA</u> <u>RHNEL</u>
Sequence Length	357
Source	Escherichia Coli
Preparation and Storage	Store at 4°C if entire viall will be used within 2-4 weeks. Store frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze- thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for LRPAP1 recombinant protein	Description: LRPAP1 Human Recombinant produced in E Coli is a single, non-glycosylated polypeptide chain containing 348 amino acids (35-357) and having a molecular mass of 40.4kDa. LRPAP1 is fused to a 25 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. Introduction: LRPAP1 is a member of the alpha-2-MRAP family. LRPAP1 cooperates with LRP1/alpha-2-macroglobulin receptor and glycoprotein 330. LRPAP1, located on the cell surface, creates a complex with the alpha 2 macroglobulin receptor light and heavy chains and has part in the pathogenesis of membrane glomerular nephritis.
Product Categories/Family for LRPAP1 recombinant protein	Recombinant & Natural Proteins ; Recombinant Proteins

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505021
NCBI GeneID	4043

NCBI Accession #	NP_002328.1
NCBI GenBank Nucleotide #	NM_002337.3
UniProt Accession #	P30533 ; Q2M310 ; Q53HQ3 ; Q53HS6 ; D3DVR9
NCBI Official Full Name	alpha-2-macroglobulin receptor-associated protein
NCBI Official Synonym Full Names	low density lipoprotein receptor-related protein associated protein 1
NCBI Official Symbol	LRPAP1
NCBI Official Synonym Symbols	RAP; MRAP; A2RAP; HBP44; MYP23; A2MRAP; alpha-2-MRAP
NCBI Protein Information	alpha-2-macroglobulin receptor-associated protein; 39 kDa receptor-associated protein; low density lipoprotein-related protein-associated protein 1 (alpha-2-macroglobulin receptor-associated protein 1)
UniProt Protein Name	Alpha-2-macroglobulin receptor-associated protein
UniProt Gene Name	LRPAP1
UniProt Synonym Gene Names	A2MRAP; Alpha-2-MRAP; RAP
UniProt Entry Name	AMRP_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/lrpap1-recombinant-protein/39026>