

Lrpap1 recombinant protein

Lrpap1, 29-360aa, Mouse, His tag, E Coli

CATALOG # AAA48909	HOST E Coli	APPLICATIONS SDS-Page
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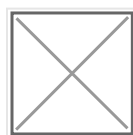
PRODUCT SYNONYMS

Lrpap1; 29-360aa; Mouse; His tag; E Coli; Alpha-2-macroglobulin receptor-associated protein; Alpha 2 macroglobulin receptor associated protein; AA617339; AI790446; AU042172; C77774; HBP44; RAP; Lrpap1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 90% by SDS-PAGE
Form/Format	Liquid, In Phosphate buffered saline (pH 7.4) containing 10% glycerol
Concentration	1mg/ml (determined by Absorbance at 280nm) (varies by lot)
Sequence Length	29-360aa
Applicable Applications for Lrpap1 recombinant protein	SDS-PAGE
Tag Information	His-tag
Preparation and Storage	Can be stored at 2-8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Avoid repeated freezing and thawing cycles.

IMAGES



SDS-PAGE

3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain

ADDITIONAL INFORMATION

Related Product Information for Lrpap1 recombinant protein	Lrpap1 also known as Alpha-2-macroglobulin receptor-associated protein. The alpha-2-macroglobulin receptor-associated protein (RAP) is a glycoprotein that binds to the alpha-2-macroglobulin receptor, as well as to other members of the low density lipoprotein receptor family. Lrpap1 acts to inhibit the binding of all know ligands for these receptors, and may prevent receptor aggregation and degradation in the endoplasmic reticulum, thereby acting as a molecular chaperone. Lrpap1 may be under the regulatory control of calmodulin, since it is able to bind calmodulin and be phosphorylated by calmodulin-dependent kinase II. Recombinant mouse Lspap1, fused to His-tag at N-terminus, was expressed in E Coli and purified by using conventional chromatography techniques.
Product Categories/Family for Lrpap1 recombinant protein	Metabolism
References	Strickland D.K., et al. (1991) J. Biol. Chem. 266:13364-13369. ; Van Leuven F., et al. (1998) Genomics 52:145-151.

NCBI AND UNIPROT INFORMATION

NCBI GI #	63999380
NCBI GeneID	16976
NCBI Accession #	NP_038615
NCBI GenBank Nucleotide #	NM_013587.2
UniProt Accession #	P55302
Molecular Weight	41.4kDa (355aa) confirmed by MALDI-TOF
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; HBP44; C77774; AA617339; AI790446; AU042172
NCBI Protein Information	alpha-2-macroglobulin receptor-associated protein
UniProt Protein Name	Alpha-2-macroglobulin receptor-associated protein
UniProt Gene Name	Lrpap1
UniProt Synonym Gene Names	Alpha-2-MRAP; HBP-44; RAP

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-e-coli-sds-page/48909>