

Lysosomal Associated Membrane Protein 1 (LAMP1) Recombinant Protein | LAMP1 recombinant protein

Recombinant Lysosomal Associated Membrane Protein 1 (LAMP1)

CATALOG # AAA134181	HOST E.coli	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

Lysosomal Associated Membrane Protein 1 (LAMP1); Recombinant Lysosomal Associated Membrane Protein 1 (LAMP1); LAMP1 recombinant protein

PRODUCT SPECIFICATIONS

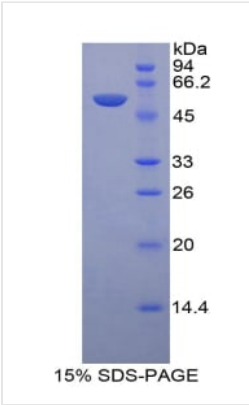
Host	E.coli
Purity/Purification	> 95%
Form/Format	Freeze-dried powder; 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose .
Concentration	200µg/mL (varies by lot)
Applicable Applications for LAMP1 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Ala49~Ser297
Tags	N-terminal His and GST Tag
Predicted isoelectric point	7.0
Subcellular Location	Membrane
Reconstitute	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months. Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

IMAGES

AF

SVNYDTKSGP KNHTFDLPD ATVLNLRSSC GKENTSOPSL VIAFGRGHTL
TLNFTRNATR YSVQLMSFVY NLSDTLHFPN ASSKEIKTVE SITDIRADID
KKYRCVSGTQ VHMNNVTVL HDATIQAYLS NSSFSRGETR CEQDRPSPPT
APPAPPSPSP SPVPKSPSPV KYNVSGTNGT CLLASHGLQL NLTYERKDNT
TVTRLLNINP NKTSASGSCG AHLVTLELHS EGTTVLLFQF GMNASSS

Gene Sequence



SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	112380628
NCBI GeneID	3916
NCBI Accession #	NP_005552.3
NCBI GenBank Nucleotide #	NM_005561.3
UniProt Accession #	P11279; Q8WU33; Q96I40; Q9BRD2; Q9NP13
Molecular Weight	Predicted Molecular Mass: 56.9kDa Accurate Molecular Mass: 57kDa as determined by SDS-PAGE reducing conditions
NCBI Official Full Name	lysosome-associated membrane glycoprotein 1
NCBI Official Synonym Full Names	lysosomal-associated membrane protein 1
NCBI Official Symbol	LAMP1
NCBI Official Synonym Symbols	LAMPA; CD107a; LGP120
NCBI Protein Information	lysosome-associated membrane glycoprotein 1; LAMP-1; CD107 antigen-like family member A; lysosome-associated membrane protein 1
UniProt Protein Name	Lysosome-associated membrane glycoprotein 1
UniProt Gene Name	LAMP1
UniProt Synonym Gene Names	LAMP-1
UniProt Entry Name	LAMP1_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/lamp1-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/134181>