

Lysosomal Associated Membrane Protein 2 (LAMP2) Recombinant Protein | LAMP2 recombinant protein

Recombinant Lysosomal Associated Membrane Protein 2 (LAMP2)

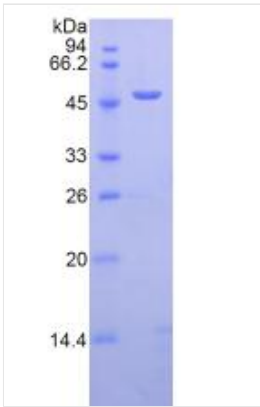
CATALOG # AAA133883	HOST E Coli	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
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PRODUCT SYNONYMS

Lysosomal Associated Membrane Protein 2 (LAMP2); Recombinant Lysosomal Associated Membrane Protein 2 (LAMP2); LAMP2 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 95%
Form/Format	Supplied as lyophilized form in PBS,pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Sequence	Thetargetp roteinisfu sedwithtwo N-terminal Tags,His-t agandGST-t ag,itssequ enceislist edbelow. MRNKKFEL GLEFPNLPYY IDGDVKLTQS MAIRYIADK HNMLGGCPKE RAEISMLEGA VLDIRYGVSR IAYSKDFETL KVDFLSKLPE MLKMFEDRLC HKTYLNGDHV THPDFMLYDA LDVVLYMDPM CLDAFPKLVC FKKRIEAIPO IDKYLKSSKY IAWPLQGWQA TFGGGDHPPK SDGSTSGSGH HHHHHSAGLV PRGSTAIGMK ETAAAKFERQ HMDSPDLGTL EVLFQGPLGS EF-KTSTVAP TIHTTVPSPT TPTPKKEPE AGTYSVNNGN DTCLLATMGL QLNITQDKVA SVININPNTT HSTGSCRSHT ALLRLNSSTI KYLDFVFAVK NENRFYLKEV NISMYLVNGS VFSIANNNLS YWDAPLGSSY MCNKEQTVSV SGAFQINTFD LRVQPFNVTQ GKYSTAECS ADSDLN
Sequence Length	411
Applicable Applications for LAMP2 recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Organism	Homo sapiens (Human)
Expression System	Prokaryotic expression
Residues	Lys193-Asn375 (Accession # P13473) with two N-terminal Tags, His-tag and GST-tag
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
Preparation and Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate of the targetprotein. The loss rate was determined by accelerated thermal degradation test,that is, incubate the protein at 37 degree C for 48h, and no obvious degradation andprecipitation were observed. (Referring from China Biological Products Standard,which was calculated by the Arrhenius equation.) The loss of this protein is lessthan 5% within the expiration date under appropriate storage condition.



Sequence

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      KTSTVAPT
IHTTVPSPTT TPTPKEKPEA GTYSVNNNGD TCLLATMGLQ LNIQDKVAS
VININPNTTH STGSCRSHTA LLRLNSSTIK YLDFVFAVKN ENRFYLKEVN
ISMVYLVNGSV FSIANNILSY WDAPLGSSYM CNKEQTVSVS GAFQINTFDL
RVQPFNVTQG KYSTAEECSA DSDLN

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SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	169790833
NCBI GeneID	3920
NCBI Accession #	NP_001116078.1
NCBI GenBank Nucleotide #	NM_001122606.1
UniProt Accession #	P13473; Q16641; Q6Q3G8; Q96J30; Q99534; Q9UD93; A8K4X5; D3DTF0
Molecular Weight	47.0kDa
NCBI Official Full Name	lysosome-associated membrane glycoprotein 2 isoform C
NCBI Official Synonym Full Names	lysosomal-associated membrane protein 2
NCBI Official Symbol	LAMP2
NCBI Official Synonym Symbols	LAMPB; CD107b; LAMP-2; LGP110
NCBI Protein Information	lysosome-associated membrane glycoprotein 2; CD107 antigen-like family member B
UniProt Protein Name	Lysosome-associated membrane glycoprotein 2
UniProt Gene Name	LAMP2
UniProt Synonym Gene Names	LAMP-2
UniProt Entry Name	LAMP2_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.