

Laminin Gamma 1 (LAMC1) Recombinant Protein | LAMC1 recombinant protein

Recombinant Laminin Gamma 1 (LAMC1)

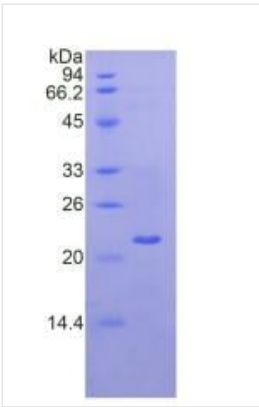
CATALOG # AAA134212	HOST E. coli	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

Laminin Gamma 1 (LAMC1); Recombinant Laminin Gamma 1 (LAMC1); LAMC1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E. coli
Purity/Purification	>95%
Concentration	Original Concentration: 200µg/mL (varies by lot)
Applicable Applications for LAMC1 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Organism Species	Mus musculus (Mouse)
Source	Prokaryotic expression
Residues	Glu1228~Arg1404
Tags	N-terminal His-Tag
Subcellular Location	Secreted, extracellular matrix
Traits	Freeze-dried powder
Predicted isoelectric point	5.7
Predicted Molecular Mass	21.2 kDa
Accurate Molecular Mass	21kDa as determined by SDS-PAGE reducing conditions
Usage	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Buffer	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5%Trehalose and Proclin300
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.



Sequence

VHEEAKRAGD KAVEIYASVA QLTPVDSEAL ENEANKIKKE AADLDRLLDQ
KLKDYEDLRE DMRGKEHEVK NLLEKGKAEQ QTADQLLARA DAAKALAEAA
AKKGSTLQE ANDILNNLKD FDRRVNDNKT AAEELRRIP AINRTIAEAN
EETR

SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	126370
NCBI GeneID	226519
UniProt Accession #	P02468
NCBI Official Full Name	Laminin subunit gamma-1
NCBI Official Synonym Full Names	laminin, gamma 1
NCBI Official Symbol	Lamc1
NCBI Official Synonym Symbols	Lamb2
NCBI Protein Information	laminin subunit gamma-1; S-LAM gamma; laminin B2 chain; S-laminin subunit gamma; laminin-1 subunit gamma; laminin-2 subunit gamma; laminin-3 subunit gamma; laminin-4 subunit gamma; laminin-6 subunit gamma; laminin-7 subunit gamma; laminin-8 subunit gamma; laminin-9 subunit gamma; laminin-10 subunit gamma; laminin-11 subunit gamma
UniProt Protein Name	Laminin subunit gamma-1
UniProt Gene Name	Lamc1
UniProt Synonym Gene Names	Lamb-2; Lamc-1; S-LAM gamma
UniProt Entry Name	LAMC1_MOUSE

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.