Laminin Gamma 2 (LAMC2) Recombinant Protein | LAMC2 recombinant protein

Recombinant Laminin Gamma 2 (LAMC2)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA133874	**E.coli**	**Mus musculus (Mouse)**	**Western Blot, SDS-Page**

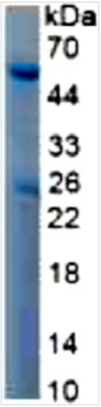
PRODUCT SYNONYMS

Laminin Gamma 2 (LAMC2); Recombinant Laminin Gamma 2 (LAMC2); LAMC2 recombinant protein

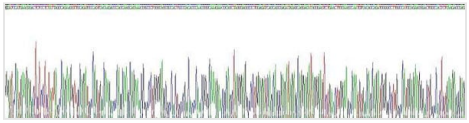
PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Mus musculus (Mouse)
Purity/Purification	> 80%
Form/Format	100mM NaHCO3, 500mM NaCl, pH8.3, containing 0.01% SKL, 5% Trehalose.
Concentration	Original Concentration: 200ug/mL (varies by lot)
Sequence	MKRLSSISQK VADASDKTQQ AETALGSATA DTQRAKNAAR EALEISSEIE LEIGSLNLEA NVTADGALAM EKGTATLKSE MREMIELARK ELEFDTDKDT VQLVITEAQQ ADARATSAGV TIQDTLNTLD GILHLIDQPG SVDEEGMMLL EQGLFQAKTQ INSRLRPLMS DLEERVRRQR NHLHLLETSI DGILADVKNL ENIRDNLPPG CYNTQALEQQ
Applicable Applications for LAMC2 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Met973~Gln1193
Tags	N-terminal His and GST Tag
Subcellular Location	Secreted, Extracellular matrix
Traits	Freeze-dried powder
Predicted isoelectric point	5.4
Usage	Reconstitute in ddH2O 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 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. 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 and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

IMAGES



SDS-PAGE



Sequence

NCBI AND UNIPROT INFORMATION

NCBI GI #	27808666
NCBI GeneID	16782
UniProt Accession #	Q61092
Molecular Weight	Predicted Molecular Mass: 54.2kDa Accurate Molecular Mass: 54kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	Laminin subunit gamma-2
NCBI Official Synonym Full Names	laminin, gamma 2
NCBI Official Symbol	Lamc2
NCBI Official Synonym Symbols	AA589349
NCBI Protein Information	laminin subunit gamma-2; nicein, 100kD; nicein, 100kDa; laminin B2t chain; laminin gamma2 chain; nicein subunit gamma; kalinin subunit gamma; epiligrin subunit gamma; laminin-5 subunit gamma; kalinin/nicein/epiligrin 100 kDa subunit
UniProt Protein Name	Laminin subunit gamma-2
UniProt Gene Name	**Lamc2**
UniProt Entry Name	LAMC2_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.

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Online datasheet: https://stage.aaabiotech.com/lamc2-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/133874