

Laminin Alpha 5 (LAMA5) Recombinant Protein | LAMA5 recombinant protein

Recombinant Laminin Alpha 5 (LAMA5)

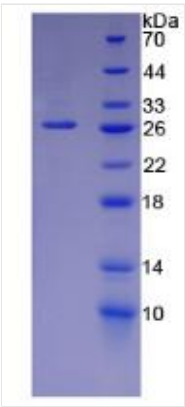
CATALOG # AAA20332	HOST E.coli	REACTIVITY Mus musculus (Mouse)	APPLICATIONS SDS-Page, Western Blot
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PRODUCT SYNONYMS

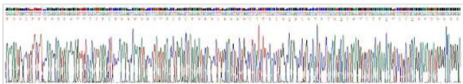
Laminin Alpha 5 (LAMA5); Recombinant Laminin Alpha 5 (LAMA5); LAMA5 recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Mus musculus (Mouse)
Purity/Purification	> 90%
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Concentration	Original Concentration: 200ug/mL (varies by lot)
Applicable Applications for LAMA5 recombinant protein	Positive Control, Immunogen, SDS-PAGE, WB (Western Blot)
Application Notes	May be suitable for use in other assays to be determined by end user.
Source	Prokaryotic expression
Residues	Glu3517~His3718
Tags	N-terminal His Tag
Subcellular Location	Secreted, Extracellular matrix
Traits	Freeze-dried powder
Predicted isoelectric point	9.1
Usage	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 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.



Gene Sequencing (Extract)



SDS-PAGE

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EDGL FFPGSEGVVT LELPKAKMPY VSLELEMPPL
AAAGLIFHLG QALATPYMQL KVLTEQVLLQ ANDGAGEFST INVTYPKLCDG
PNHRVAIVING RDTLRLEVDT QSNHTTGRLP ESLAGSPALL HLGSLPKSST
APPELPAYRG CLRKLLINGA PVNVTASVQI QGAVGMRGCP SGTALASKQG
KALTQRQAKP SVSPLLWH
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Sequence Information

NCBI AND UNIPROT INFORMATION

NCBI GI #	124487155
NCBI GeneID	16776
NCBI Accession #	NP_001074640.1
NCBI GenBank Nucleotide #	NM_001081171.2
UniProt Accession #	Q61001; Q9JHQ6; A2ABW7
Molecular Weight	Predicted Molecular Mass: 23.0kDa Accurate Molecular Mass: 26kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	laminin subunit alpha-5
NCBI Official Synonym Full Names	laminin, alpha 5
NCBI Official Symbol	Lama5
NCBI Official Synonym Symbols	[a]5; AA408760; AA408762; AI853660; mKIAA0533; laminin-511
NCBI Protein Information	laminin subunit alpha-5; laminin-10 subunit alpha; laminin-11 subunit alpha; laminin-15 subunit alpha
UniProt Protein Name	Laminin subunit alpha-5
UniProt Gene Name	Lama5
UniProt Entry Name	LAMA5_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.