

Laminin Beta 1 (LAMb1) Recombinant Protein | LAMb1 recombinant protein

Recombinant Laminin Beta 1 (LAMb1)

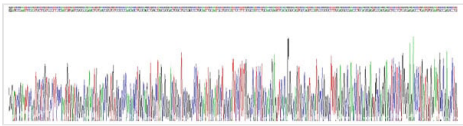
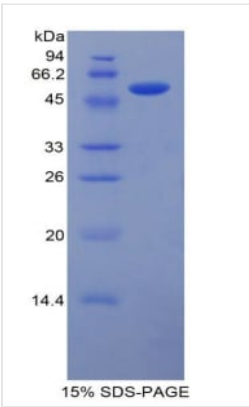
CATALOG # AAA133925	HOST E.coli	REACTIVITY Mus musculus (Mouse)	APPLICATIONS Western Blot, SDS-Page
-------------------------------	-----------------------	---	---

PRODUCT SYNONYMS

Laminin Beta 1 (LAMb1); Recombinant Laminin Beta 1 (LAMb1); LAMb1 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% Sarcosyl, 5% Trehalose .
Concentration	Original Concentration: 200ug/mL (varies by lot)
Applicable Applications for LAMb1 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Gln1053~Lys1258
Tags	N-terminal His and GST Tag
Subcellular Location	Secreted, Extracellular matrix
Traits	Freeze-dried powder
Predicted isoelectric point	5.8
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 Sequence
Gene Sequencing (extract)

SDS-PAGE

```
QCSCLPNV IGQNCRCAP NTWQLASGTG CGPCNCNAH SFGPSCNEFT
GQCQCMGFG GRTCSECQEL FWGDPDVECR ACDCDPRGIE TPQCDQSTGQ
CVCVEGVGEP RCDKCTRGYS GVFPDCTPCH QCFALNDAILI GELTNRTHKF
LEKAKALKIS GVIGPYRETV DSVEKKVNEI KDILAQSPAA EPLKNIGILF
EEAEKLTk
```

Sequence

NCBI AND UNIPROT INFORMATION

NCBI GI #	341941025
NCBI GeneID	16777
UniProt Accession #	P02469; E9PXZ9
Molecular Weight	Predicted Molecular Mass: 52.3kDa Accurate Molecular Mass: 52kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	Laminin subunit beta-1
NCBI Official Synonym Full Names	laminin B1
NCBI Official Symbol	Lamb1
NCBI Official Synonym Symbols	C77966; C80098; C81607; Lamb-1; Lamb1-1; D130003D08Rik
NCBI Protein Information	laminin subunit beta-1; laminin B1 chain; laminin B1 subunit 1; laminin-1 subunit beta; laminin-2 subunit beta; laminin-6 subunit beta; laminin-8 subunit beta; laminin-10 subunit beta; laminin-12 subunit beta
UniProt Protein Name	Laminin subunit beta-1
UniProt Gene Name	Lamb1
UniProt Synonym Gene Names	Lamb-1; Lamb1-1
UniProt Entry Name	LAMB1_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.