

Laminin Beta 3 (LAMb3) Recombinant Protein | LAMb3 recombinant protein

Recombinant Laminin Beta 3 (LAMb3)

CATALOG # AAA134424	HOST E.coli	REACTIVITY Homo sapiens (Human)	APPLICATIONS Western Blot, SDS-Page
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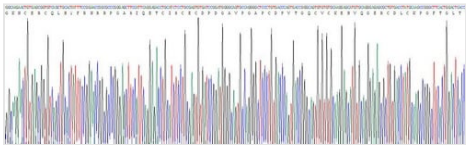
PRODUCT SYNONYMS

Laminin Beta 3 (LAMb3); Recombinant Laminin Beta 3 (LAMb3); LAMb3 recombinant protein

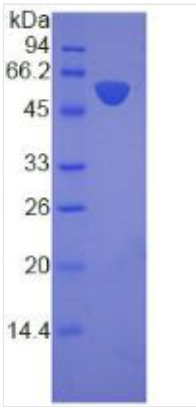
PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Homo sapiens (Human)
Purity/Purification	> 97%
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose.
Concentration	Original Concentration: 200ug/mL (varies by lot)
Applicable Applications for LAMb3 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Gly352–Thr587
Tags	N-terminal His and GST Tag
Subcellular Location	Secreted, Extracellular matrix
Traits	Freeze-dried powder
Predicted isoelectric point	6.5
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.

IMAGES



Application Data



SDS-PAGE

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GKNCERCQL HYFRNRRPGA SIQETCISCE CDPDGAHPGA PCDPVTGQCV
CKEHVQGERC DLCKPGFTGL TYANPQGCHR CDCNILGSRR DMPCDEESGR
CLCLPNVVGP KCDQCAPYHW KLASGQCEP CACDPHNSLS PQCNQFTGQC
PCREGFGGLM CSAAIRQCP DRTYGDVATG CRACDCDFRG TEGPGCDKAS
GRCLCRPGLT GPRCDQCQRG YCNRYPCVCA CHPCFQT
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Sequence

NCBI AND UNIPROT INFORMATION

NCBI GI #	62868215
NCBI GeneID	3914
NCBI Accession #	NP_000219.2
NCBI GenBank Nucleotide #	NM_000228.2
UniProt Accession #	Q13751; O14947; Q14733; Q9UJK4; Q9UJL1; D3DT88
Molecular Weight	Predicted Molecular Mass: 55.5kDa Accurate Molecular Mass: 58kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	laminin subunit beta-3
NCBI Official Synonym Full Names	laminin, beta 3
NCBI Official Symbol	LAMB3
NCBI Official Synonym Symbols	LAM5; LAMNB1; BM600-125KDA
NCBI Protein Information	laminin subunit beta-3; nicein-125kDa; kalinin-140kDa; kalinin B1 chain; laminin B1k chain; laminin S B3 chain; nicein subunit beta; kalinin subunit beta; epiligrin subunit bata; laminin-5 subunit beta; laminin, beta 3 (nicein (125kD), kalinin (140kD), BM600 (125kD))
UniProt Protein Name	Laminin subunit beta-3
UniProt Gene Name	LAMB3
UniProt Synonym Gene Names	LAMNB1
UniProt Entry Name	LAMB3_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.