

Laminin Alpha 1 (LAMA1) Recombinant Protein | LAMA1 recombinant protein

Recombinant Laminin Alpha 1 (LAMA1)

CATALOG # AAA134144	HOST E Coli	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
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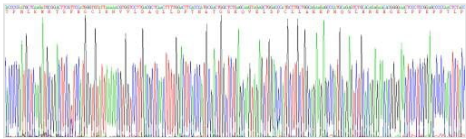
PRODUCT SYNONYMS

Laminin Alpha 1 (LAMA1); Recombinant Laminin Alpha 1 (LAMA1); LAMA1 recombinant protein

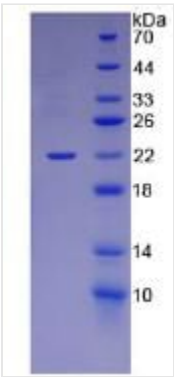
PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 95%
Form/Format	Supplied as lyophilized form in PBS,pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Sequence	The target protein is fused with N-terminal His-Tag, its sequence is listed below. MGHHHH HHS GSEF-TP MLKMRTSFHG CIKNVVLDAQ LLDFTHATGS EQVELDTCLL AEPMQSLHR EHGELPPEPP TLPQPELCAV DTAPGYVAGA HQFGLSQNSH LVLPLNQSDV RKRLQVQLSI RTFASSGLIY YVAHQNQMDY AT
Sequence Length	3083
Applicable Applications for LAMA1 recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Organism	Mus musculus (Mouse)
Expression System	Prokaryotic expression
Residues	Thr2640~Thr2773 (Accession # P19137) with N-terminal His-Tag
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
Preparation and 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 of the target protein. 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. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

IMAGES



Application Data



SDS-PAGE

T PMLKMRTSFH

GCIGNVVLDALQLDFTHATGSEQVELDTCLLAEPMQSLHREHGELPPEP
PTLPQPELCAVDTAPGYVAGAHQFGLSQNSHLVPLNQSDVRKRLQVQLS
IRTFASSGLIYYVAHQNQMDYAT

Sequence

NCBI AND UNIPROT INFORMATION

NCBI GI #	117168301
NCBI GeneID	16772
NCBI Accession #	NP_032506.2
NCBI GenBank Nucleotide #	NM_008480.2
UniProt Accession #	P19137
Molecular Weight	16.4kDa
NCBI Official Full Name	laminin subunit alpha-1
NCBI Official Synonym Full Names	laminin, alpha 1
NCBI Official Symbol	Lama1
NCBI Official Synonym Symbols	Lama; AA408497
NCBI Protein Information	laminin subunit alpha-1; S-LAM alpha; laminin A chain; S-laminin subunit alpha; laminin-1 subunit alpha; laminin-3 subunit alpha
UniProt Protein Name	Laminin subunit alpha-1
UniProt Gene Name	Lama1
UniProt Synonym Gene Names	Lama; Lama-1; S-LAM alpha
UniProt Entry Name	LAMA1_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.