

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

Recombinant Laminin Alpha 1 (LAMA1)

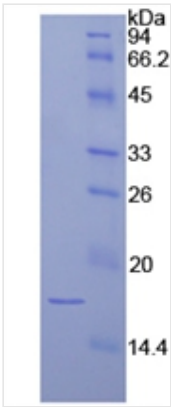
CATALOG # AAA20213	HOST E.coli	APPLICATIONS SDS-Page, Western Blot
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PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Host	E.coli
Purity/Purification	> 95%
Form/Format	Freeze-dried powder; 20mM Tris, 150mM NaCl, pH8.0, containing 0.01% skl, 5% Trehalose.
Concentration	100ug/mL (varies by lot)
Applicable Applications for LAMA1 recombinant protein	Positive Control, Immunogen, SDS-PAGE, WB (Western Blot)
Application Notes	(May be suitable for use in other assays to be determined by the end user.)
Source	Prokaryotic expression
Residues	Val2613~Phe2746
Tags	N-terminal His Tag
Subcellular Location	Secreted
Predicted isoelectric point	6.0
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°C for one month. Aliquot and store at -80°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°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.



VESRTINV SNLYVGGIPE GEGTSLLTMR RSFHGCIKNL
IFNLELLDFN SAVGHEQVDL DTCWLSERPK LAPDAEDSKL LPEPRAFPEQ
CVVDAALEYV PGAHQFGLTQ NSHFILPFNQ SAVRKKLSVE LSIRTF

Sequence Information

SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	38788416
NCBI GeneID	284217
NCBI Accession #	NP_005550.2
NCBI GenBank Nucleotide #	NM_005559.3
Molecular Weight	Predicted Molecular Mass: 16.2kDa Accurate Molecular Mass: 16kDa as determined by SDS-PAGE reducing conditions.
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; S-LAM-alpha
NCBI Protein Information	laminin subunit alpha-1; S-LAM alpha; laminin A chain; S-laminin subunit alpha; laminin-3 subunit alpha
UniProt Protein Name	Laminin subunit alpha-1
UniProt Gene Name	LAMA1
UniProt Synonym Gene Names	LAMA; S-LAM alpha
UniProt Entry Name	LAMA1_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.