

Recombinant Human LAMA1 protein, GST-tagged

Cat. No. LAMA1-301469H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human LAMA1 protein(1592-1778 aa), fused with N-terminal GST tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1592-1778 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH 8.0). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 100 mM reduced glutathione (GSH).
AASequence	SNLENTTKYLQESLLKENMQKDLGKIKLEGVAEETDNLQKKLTRMLASTQKVN RATE RIFKESQDLAIAIERLQMSITEIMEKTTLNQTLDEDFLLPNSTLQNMQQNGTSLLEIMQI RDFTQLHQ NATLELKA AEDLLSQIQENYQKPLEELEV LKEAASHVLSKHNNELKAAE ALVREAEAKMQES
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.

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Reconstitution

Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/µl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

GENE INFORMATION

Gene Name [LAMA1 laminin, alpha 1 \[Homo sapiens \]](#)

Official Symbol [LAMA1](#)

Synonyms LAMA1; laminin, alpha 1; LAMA; laminin subunit alpha-1; S-LAM alpha; laminin A chain; S-laminin subunit alpha; laminin-3 subunit alpha; S-LAM-alpha;

Gene ID [284217](#)

mRNA Refseq [NM_005559](#)

Protein Refseq [NP_005550](#)

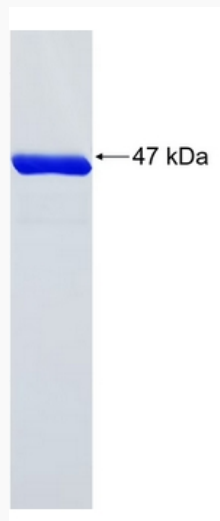
MIM [150320](#)

UniProt ID [P25391](#)

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SDS-PAGE

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