

Recombinant Human LAMA1 protein, His-tagged

Cat. No. LAMA1-30170H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human LAMA1 protein(1592-1778 aa), fused with His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1592-1778 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage. Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

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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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