

Recombinant Human LAMB3 protein, His-tagged

Cat. No. LAMB3-2679H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human LAMB3 protein(828-1172 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	828-1172 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.
AA Sequence	AFLMAGQVAEQLRGFNAQLQRTRQMIRAAEESASQIQSSAQRLQVSASRSQME EDVRRTRLLIQQVRDFLTDPDTDAATIQEVSEAVLALWLPTDSATVLQKMNEIQAI RLPNVDLVLSQTKQDIARARRLQAEAEARSRAHAVEGQVEDVVGNLRRQGTVALQE AQDTMQGTSRSLRLIQDRVAEVQQLRPAEKLVTSMKQLGDFWTRMEELRHQAR QQGAEAVQAQQLAEGASEQALSAQEGFERIKQKYAELKDRLGQSSMLGEQGARIQ SVKTEAEELFGETMEMMDRMKDMELELLRGSQAIMLRADLTGLEKRVQIRDHIN GRVLYYATCK
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

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containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

Reconstitution

Reconstitute at 0.25 $\mu\text{g}/\mu\text{l}$ in 200 μl sterile water for short-term storage.
Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

Gene Name LAMB3 laminin, beta 3 [Homo sapiens]

Official Symbol LAMB3

Synonyms

LAMB3; laminin, beta 3; laminin, beta 3 (nicein (125kD), kalinin (140kD), BM600 (125kD)) , LAMNB1; laminin subunit beta-3; BM600 125kDa; kalinin 140kDa; nicein 125kDa; 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)); LAM5; LAMNB1; BM600-125KDA; FLJ99565;

Gene ID 3914

mRNA Refseq NM_000228

Protein Refseq NP_000219

MIM 150310

UniProt ID Q13751

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