Recombinant Human LAMB3 Protein, His/GST-tagged

Cat. No. LAMB3-225H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human LAMB3(Gly352~Thr587) fused with His/GST tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Gly352~Thr587
Description	The product encoded by this gene is a laminin that belongs to a family of basement membrane proteins. This protein is a beta subunit laminin, which together with an alpha and a gamma subunit, forms laminin-5. Mutations in this gene cause epidermolysis bullosa junctional Herlitz type, and generalized atrophic benign epidermolysis bullosa, diseases that are characterized by blistering of the skin. Multiple alternatively spliced transcript variants that encode the same protein have been found for this gene.
Form	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Molecular Mass	55.5kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	> 97%

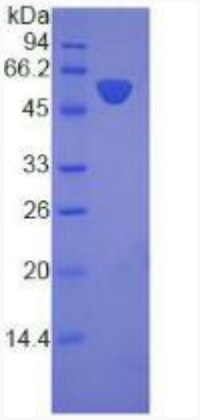
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Applications	Positive Control; Immunogen; SDS-PAGE; WB. If bio-activity of the protein is needed, please check active protein
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade 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.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

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

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Protein Refseq	NP_000219
MIM	150310
UniProt ID	Q13751
	

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