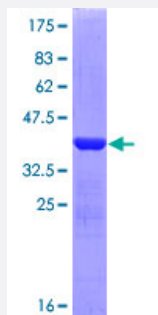


LAMB3 (Human) Recombinant Protein (Q01)

Catalog # H00003914-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human LAMB3 partial ORF (NP_000219, 1064 a.a. - 1171 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	AEGASEQALSAQEGFERIKQKYAELKDRLGQSSMLGEGGARIQSVKTEAEELFGETMEMMDRM KDMELELLRGSQAIMLRSADLTGLEKRVEQIRDHINGRVLYYATC
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	37.62
Interspecies Antigen Sequence	Mouse (84); Rat (86)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — LAMB3

Entrez GeneID	3914
GeneBank Accession#	NM_000228
Protein Accession#	NP_000219
Gene Name	LAMB3
Gene Alias	BM600-125KDA, FLJ99565, LAM5, LAMNB1
Gene Description	laminin, beta 3
Omim ID	150310 226650 226700
Gene Ontology	Hyperlink
Gene Summary	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. [provided by RefSeq]
Other Designations	OTTHUMP00000034555 OTTHUMP00000034640 kalinin B1 chain kalinin-140kDa laminin B1k chain laminin S B3 chain laminin, beta 3 (nicein (125kD), kalinin (140kD), BM600 (125kD)) nicein-125kDa

Pathway

- [ECM-receptor interaction](#)
- [Focal adhesion](#)

- [Pathways in cancer](#)
- [Small cell lung cancer](#)

Disease

- [Genetic Predisposition to Disease](#)
- [Macular Degeneration](#)
- [Uterine Cervical Neoplasms](#)