

## Laminin Gamma 2 (LAMC2) Recombinant Protein | LAMC2 recombinant protein

Recombinant Laminin Gamma 2 (LAMC2)

|                               |                       |                                               |
|-------------------------------|-----------------------|-----------------------------------------------|
| CATALOG #<br><b>AAA161990</b> | HOST<br><b>E Coli</b> | APPLICATIONS<br><b>Western Blot, SDS-Page</b> |
|-------------------------------|-----------------------|-----------------------------------------------|

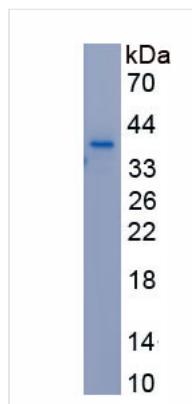
### PRODUCT SYNONYMS

Laminin Gamma 2 (LAMC2); Recombinant Laminin Gamma 2 (LAMC2); Laminin Gamma 2; LAMC2 recombinant protein (prokaryotic); Human; B2T; EBR2; EBR2A; LAMB2T; LAMNB2; Kalinin/nicein/epiligrin 100 kDa subunit; Cell-scattering factor 140 kDa subunit; Ladsin 140 kDa; Large adhesive scatter factor 140 kDa4; LAMC2 recombinant protein

### PRODUCT SPECIFICATIONS

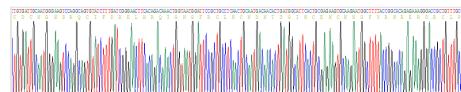
|                                                       |                                                                                              |
|-------------------------------------------------------|----------------------------------------------------------------------------------------------|
| Host                                                  | E Coli                                                                                       |
| Purity/Purification                                   | Greater than 95% by SDS-PAGE                                                                 |
| Form/Format                                           | Freeze-dried powder; PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300. |
| Sequence                                              | Cys28~Cys1 96                                                                                |
| Applicable Applications for LAMC2 recombinant protein | WB (Western Blot), SDS-PAGE, Immunogen, Positive Control                                     |
| Species                                               | Human                                                                                        |
| Expression System                                     | Prokaryotic expression                                                                       |
| Tag                                                   | Two N-terminal Tags, His-tag and SUMO-tag                                                    |
| Endotoxin Level                                       | <1.0EU per 1ug (determined by the LAL method)                                                |
| Isoelectric Point                                     | 8.2                                                                                          |
| Subcellular Location                                  | Secreted, Extracellular matrix                                                               |
| Research Area                                         | Developmental science                                                                        |
| Preparation and Storage                               | Store at 2-8 degree C for one month, -80 degree C for 12 months                              |

### IMAGES



SDS-PAGE

Figure. SDS-PAGE



Sequence

Figure. Gene Sequencing (extract)

ADDITIONAL INFORMATION

|                                                         |                      |
|---------------------------------------------------------|----------------------|
| Product Categories/Family for LAMC2 recombinant protein | Prokaryotic proteins |
|---------------------------------------------------------|----------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                                                                                                 |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 34230                                                                                                                                                                                                                                                           |
| NCBI GeneID                      | 3918                                                                                                                                                                                                                                                            |
| UniProt Accession #              | Q13753; Q02536; Q02537; Q13752; Q14941; Q14DF7; Q5VYE8                                                                                                                                                                                                          |
| Molecular Weight                 | 130,976 Da                                                                                                                                                                                                                                                      |
| NCBI Official Full Name          | Laminin                                                                                                                                                                                                                                                         |
| NCBI Official Synonym Full Names | laminin, gamma 2                                                                                                                                                                                                                                                |
| NCBI Official Symbol             | LAMC2                                                                                                                                                                                                                                                           |
| NCBI Official Synonym Symbols    | B2T; CSF; EBR2; BM600; EBR2A; LAMB2T; LAMNB2                                                                                                                                                                                                                    |
| NCBI Protein Information         | laminin subunit gamma-2; BM600-100kDa; laminin B2t chain; CSF 140 kDa subunit; nicein subunit gamma; kalinin subunit gamma; ladsin 140 kDa subunit; epiligrin subunit gamma; cell-scattering factor 140 kDa subunit; large adhesive scatter factor 140 kDa subu |
| UniProt Protein Name             | Laminin subunit gamma-2                                                                                                                                                                                                                                         |
| UniProt Gene Name                | LAMC2                                                                                                                                                                                                                                                           |
| UniProt Synonym Gene Names       | LAMB2T; LAMNB2; CSF 140 kDa subunit                                                                                                                                                                                                                             |
| UniProt Entry Name               | LAMC2_HUMAN                                                                                                                                                                                                                                                     |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/lamc2-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/161990>