

RPC084Mu02 10µg Recombinant Laminin Gamma 3 (LAMC3) Organism Species: *Mus musculus (Mouse) Instruction manual* 

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

13th Edition (Revised in Aug, 2023)

# Coud-Clone Corp.

### [PROPERTIES]

Source: Prokaryotic expression
Host: *E.coli* 

Residues: Lys1250~Lys1418

Tags: N-terminal His Tag

Subcellular Location: Membrane

**Purity:** > 97%

**Traits:** Freeze-dried powder

Buffer formulation: PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.

Original Concentration: 50µg/mL

Applications: Positive Control; Immunogen; SDS-PAGE; WB.

(May be suitable for use in other assays to be determined by the end user.)

Predicted isoelectric point: 9.9

Predicted Molecular Mass: 19.6kDa

Accurate Molecular Mass: 21kDa as determined by SDS-PAGE reducing conditions.

#### [ <u>USAGE</u> ]

Reconstitute in  $ddH_2O$  to a concentration of 0.1-0.2 mg/mL. Do not vortex.

#### [ STORAGE AND STABILITY ]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8°C for one month.

Aliquot and store at -80°C for 12 months.

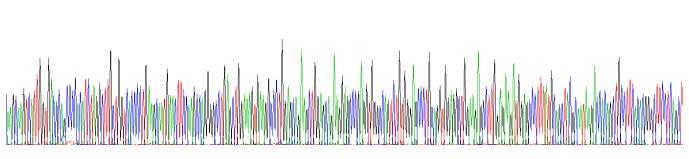
**Stability Test:** The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

#### [SEQUENCE]

# Cloud-Clone Corp.

K QVIGDAAPHL GLLVTPEAMN FQARGLSWKV KALEQKLEQK EPEVGQSVGA LQVEAGRALE KMEPFMQLRN KTTAAFTRAS SAVQAAKVTV IGAETLLADL EGMKLRSPLP KEQAALKKKA GSIRTRLLED TKRKTKQAER MLGNAASLSS STKKKSKEAE LMSKDNAK

## [IDENTIFICATION]



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Figure. Gene Sequencing (Extract)

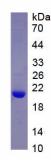


Figure. SDS-PAGE

### [IMPORTANT NOTE]

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.