

RPA184Mu01 50µg

Recombinant Laminin Beta 1 (LAMb1)

Organism Species: Mus musculus (Mouse)

Instruction manual

FOR RESEARCH USE ONLY NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

13th Edition (Revised in Aug, 2023)



## [PROPERTIES]

**Source:** Prokaryotic expression

Host: E.coli

Residues: Gln1053~Lys1258

Tags: N-terminal His and GST Tag

Subcellular Location: Secreted, Extracellular matrix

**Purity:** > 95%

Traits: Freeze-dried powder

Buffer formulation: 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT,

0.01% Sarcosyl, 5% Trehalose.

Original Concentration: 200µg/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: 5.8

Predicted Molecular Mass: 52.3kDa

Accurate Molecular Mass: 52kDa as determined by SDS-PAGE reducing conditions.

### [USAGE]

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 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.

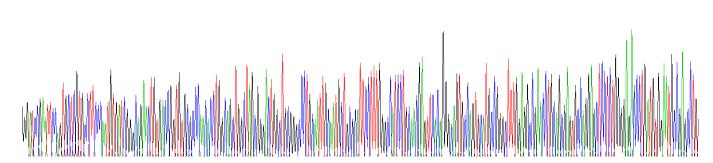
**Stability Test:** The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration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



## [ SEQUENCE ]

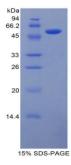
QCSCLPNV IGQNCDRCAP NTWQLASGTG CGPCNCNAAH SFGPSCNEFT GQCQCMPGFG GRTCSECQEL FWGDPDVECR ACDCDPRGIE TPQCDQSTGQ CVCVEGVEGP RCDKCTRGYS GVFPDCTPCH QCFALWDAII GELTNRTHKF LEKAKALKIS GVIGPYRETV DSVEKKVNEI KDILAQSPAA EPLKNIGILF EEAEKLTK

### [ IDENTIFICATION ]



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Figure . Gene Sequencing (extract)



# [ 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.