NPA082Mu01 100µg

Native Laminin (LN)

Organism Species: *Mus musculus* (Mouse)

Instruction manual

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

12th Edition (Revised in Aug, 2016)

[PROPERTIES]

Source: Natural Extract

Host: Mouse

Subcellular Location: Secreted.

Purity: >90% as determined by SDS-PAGE.

Purification Methods: Salt co-precipitation and ionic-Exchange chromatography.

Traits: Liquid

Buffer Formulation: 50 mM Tris-HCl, pH 7.5, with 150 mM NaCl.

Original Concentration: 1-2mg/mL

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

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

Phenomenon explanation:

Laminins are high-molecular weight (~805kDa) proteins of the extracellular matrix. They are a major component of the basal lamina (one of the layers of the basement membrane), a protein network foundation for most cells and organs. Laminins are heterotrimeric proteins that contain an α-chain, a β-chain, and a γ-chain, with molecular weight 400kDa, 200kDa, 200kDa, respectively

[USAGE]

[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.

[IMPORTANT NOTE]

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