

## **Recombinant Netrin 1 (Ntn1)**

Catalog No.: TP11238 100µg

**Sequence Information** 

Species: Rat Gene ID:

Swiss Prot:Q924Z9 Synonyms:NTN1L; Epididymis tissue protein

Li 131P

Residues: Pro313-Pro565

PECDRCKPFHYDRPWQRATAREANECVACNCNLHARRCRFNMELYKLSGRKSGG

VCLNCRHNTAGRHCHYCKEGFYRDMGKPITHRKACKACDCHPVGAAGKTCNQTT

GQCPCKDGVTGITCNRCAKGYQQSRSPIAPCIKIPVAPPTTAASSMEEPEDCDS

YCKASKGKLKMNMKKYCRKDYAVQIHILKADKAGDWWKFTVNIISVYKQGTSRI

RRGDQSLWIRSRDIAXKCPKIKPLKKYLLLGNAEDSP

**Product Information** 

Source: Recombinant expression.

Host: E.coli

Tags: N-terminal His-Tag and GST

Subcellular Location: Secreted, Extracellular matrix.

**Purity: >90%** 

**Traits:** Freeze-dried powder

**Buffer formulation:** PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and

Proclin300.

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: 8.9

Predicted Molecular Mass: 60.5kDa

Accurate Molecular Mass: 58kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in ddH<sub>2</sub>O to a concentration of 0.1-0.5 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.

## [ IDENTIFICATION ]

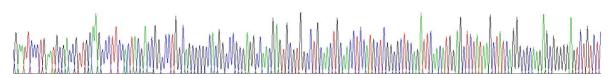


Figure 1. Gene Sequencing (Extract)

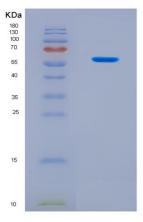


Figure 2. SDS-PAGE

## [ 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.