

RPL147Mu01 100µg

**Recombinant Notch Homolog 3 (NOTCH3)** 

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: Ala40~Thr273

Tags: N-terminal His and GST Tag

Subcellular Location: Membrane

**Purity:** > 90%

**Traits:** Freeze-dried powder

**Buffer formulation:** PBS, pH7.4, containing 0.01% SKL, 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: 5.3

Predicted Molecular Mass: 54.4kDa

**Accurate Molecular Mass:** 57kDa as determined by SDS-PAGE reducing conditions.

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

Reconstitute in 10mM PBS (pH7.4) 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.

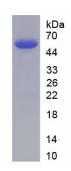
**Stability Test:** The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration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

#### [SEQUENCE]

A PPCLDGSPCA NGGRCTHQQP SLEAACLCLP GWVGERCQLE DPCHSGPCAG RGVCQSSVVA GTARFSCRCL RGFQGPDCSQ PDPCVSRPCV HGAPCSVGPD GRFACACPPG YQGQSCQSDI DECRSGTTCR HGGTCLNTPG SFRCQCPLGY TGLLCENPVV PCAPSPCRNG GTCRQSSDVT YDCACLPGFE GQNCEVNVDD CPGHRCLNGG TCVDGVNTYN CQCPPEWTGQ FCT



# [ IDENTIFICATION ]



## [ 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.