RPC578Mu01 100µg

Recombinant Pim-1 Oncogene (PIM1)

Organism Species: Mus musculus (Mouse)

Instruction manual

FOR IN VITRO USE AND RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

12th Edition (Revised in Aug, 2016)

1304 Langham Creek Dr, Suite 226, Houston, TX 77084, USA | 001-888-960-7402 | www.cloud-clone.us | mail@cloud-clone.us
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[PROPERTIES]

Source: Prokaryotic expression.

Host: *E. coli*

Residues: Tyr122~Leu261

Tags: N-terminal His-Tag

Subcellular Location: Cytoplasm. Nucleus. Cell membrane.

Purity: >92%

Traits: Freeze-dried powder

Buffer formulation: 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 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: 5.6

Predicted Molecular Mass: 17.1kDa

Accurate Molecular Mass: 16kDa 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]

YQVGPLLGS GGFGSVYSGI RVADNLPVAI
KHVEKDRISD WGELPNGTRV PMEVVLLKKV SSDFSGVIRL LDWFERPDSF
VLILERPEPV QDLFDFITER GALQEDLARG FFWQVLEAVR HCHNCGVLHR
DIKDENILID L

[IDENTIFICATION]

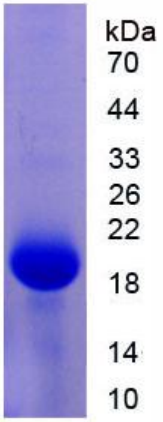

Figure 1. SDS-PAGE