

RPB336Si01 100ug Recombinant Cluster of Differentiation 59 (CD59) Organism Species: *Rhesus monkey (Simian) Instruction manual* 

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

13th Edition (Revised in Aug, 2023)

# Coud-Clone Corp.

# [PROPERTIES]

Source: Prokaryotic expression Host: E.coli Residues: His21~Leu107 Tags: N-terminal His Tag Subcellular Location: Membrane **Purity:** > 97% 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: 5.78 Predicted Molecular Mass: 16.5kDa Accurate Molecular Mass: 20kDa as determined by SDS-PAGE reducing conditions. Phenomenon explanation: The possible reasons that the actual band size differs from the predicted are as follows: 1.Splice variants: Alternative splicing may create different sized proteins from the same gene. 2. Relative charge: The composition of amino acids may affects the charge of the protein. 3. Post-translational modification: Phosphorylation, glycosylation, methylation etc. 4. Post-translation cleavage: Many proteins are synthesized as pro-proteins, and then cleaved to give the active form. 5. Polymerization of the target protein: Dimerization, multimerization etc. [<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.

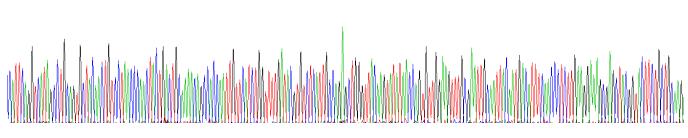
Aliquot and store at -80°C for 12 months.

**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.

## [<u>SEQUENCE</u>]

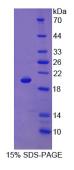
HSGHSLQCYN CPNPTTDCKT AINCSSGFDT CLIARAGLQV YNQCWKFANC NYNDISTLLK ESELRYFCCK KDLCNFNEQL ESGGTSL





Xattlagatutag:tegatatikan etter tegatatikan etter antikan etter taken etter taken etter taken etter taken etter 1 s.g. h.s.g. h.s. l.o.g. w.c. p. p. t.d. c.k.t.a.t.n.c. s.g. p.d.t.c.l.l.a.k.a.g. lo.y.y.n.o.g. w.f.a.n.c.n.y.n.d.i.s.t.l.k.k.s.e.l.k.y.f.c.c.l

### 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.