

RPA929Mu01 100µg Recombinant Retinol Binding Protein 4 (RBP4) Organism Species: *Mus musculus (Mouse) 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: Glu63~Leu245 **Tags:** N-terminal His Tag Subcellular Location: Secreted **Purity:** > 95% Traits: Freeze-dried powder Buffer formulation: 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 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: 6.3 Predicted Molecular Mass: 21.4kDa Accurate Molecular Mass: 19/22kDa 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.

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[<u>SEQUENCE</u>]

| | ERDCRVSS | FRVKENFDKA | RFSGLWYAIA | KKDPEGLFLQ |
|------------|------------|------------|------------|------------|
| DNIIAEFSVD | EKGHMSATAK | GRVRLLSNWE | VCADMVGTFT | DTEDPAKFKM |
| KYWGVASFLQ | RGNDDHWIID | TDYDTFALQY | SCRLQNLDGT | CADSYSFVFS |
| RDPNGLSPET | RRLVRQRQEE | LCLERQYRWI | EHNGYCQSRP | SRNSL |

[IDENTIFICATION]

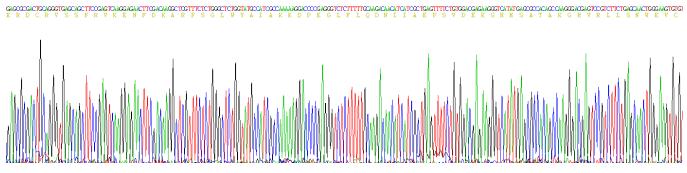


Figure. Gene Sequencing (Extract)

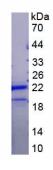


Figure. SDS-PAGE

[<u>IMPORTANT NOTE</u>]

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.