

RPE293Hu01 10µg

Recombinant Rac-GTPase Activating Protein 1 (RACGAP1)

Organism Species: *Homo sapiens (Human)*

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: Met106~Trp539

Tags: N-terminal His and GST Tag

Subcellular Location: Nucleus, Cytoplasm

Purity: > 80%

Traits: Freeze-dried powder

Buffer formulation: 20mM Tris, 150mM NaCl, pH8.0, containing 0.01% Sarcosyl, 5%Trehalose.

Original Concentration: 50µg/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: 78.1kDa

Accurate Molecular Mass: 78kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in ddH₂O to a concentration less than or equal to 0.1mg/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]

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      MLMCD TSGSIQLSEE QKSALAFLNR GQPSSSNAGN KRLSTIDESG
SILSDISFDK TDES LDWDSS LVKTFKLKKR EKRRSTSRQF VDGPPGPVKK
TRSIGSAVDQ GNESIVAKTT VTPNDGGPI EAVSTIETVP YWTRSRRKTG
TLQPWNSDST LNSRQLEPRT ETDSVGTPQS NGGMRLHDFV SKTVIKPESC
VPCGKRIKFG KLSLKCRDCR VVSHPECRDR CPLPCIPTLI GTPVKIGEGM
LADFVSQTSP MIPSIVVHCV NEIEQRLTE TGLYRISGCD RTVKELKEKF
LRVKTVPLLS KVDDIHAICS LLKDFLRNLK EPLLTFRLNR AFMEAAEITD
EDNSIAAMYQ AVGELPQANR DTLAFLMIHL QRVAQSPHTK MDVANLAKVF
GPTIVAHAVP NPDPTMLQD IKRQPKVVER LLSLPLEYW
    
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[IDENTIFICATION]

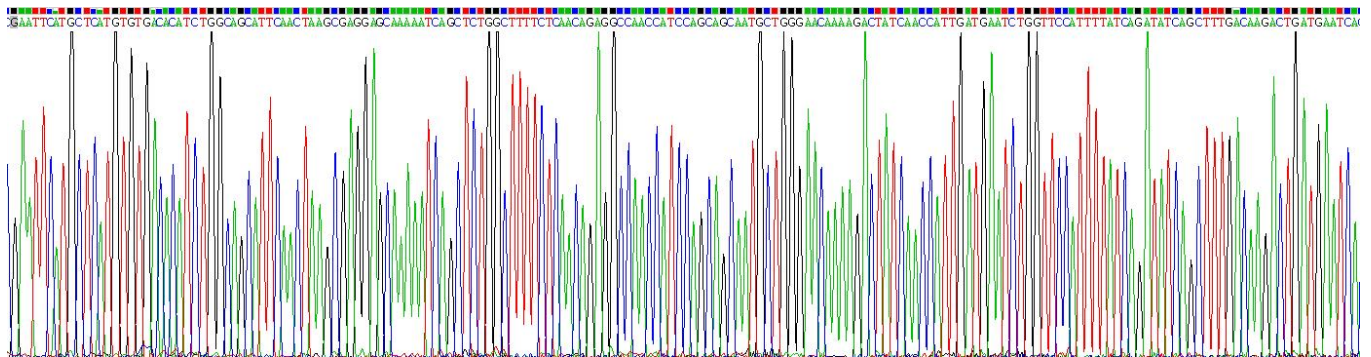


Figure . Gene Sequencing (extract)

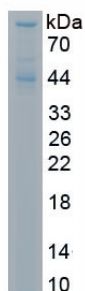


Figure. SDS-PAGE

[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.