

RPE293Hu01 100µg

Recombinant Rac-GTPase Activating Protein 1 (RACGAP1)

Organism Species: Homo sapiens (Human)

Instruction manual

FOR IN VITRO USE AND RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

10th Edition (Revised in Jan, 2014)

[PROPERTIES]

Residues: Met106~Trp539

Tags: Two N-terminal Tags, His-tag and GST-tag

Accession: Q9H0H5

Host: *E. coli*

Subcellular Location: Nucleus, Cytoplasm, cytoskeleton, spindle, Cytoplasmic vesicle, secretory vesicle, acrosome, Cleavage furrow, Midbody, Cell membrane, Peripheral membrane protein, Cytoplasmic side.

Purity: >90%

Endotoxin Level: <1.0EU per 1µg
(determined by the LAL method).

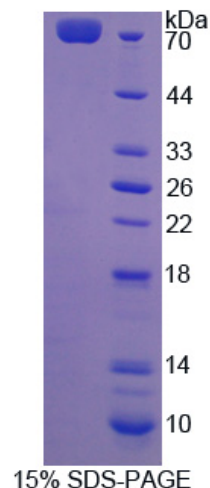
Formulation: Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.

Predicted isoelectric point: 8.9

Predicted Molecular Mass: 78.1kDa

Applications: SDS-PAGE; WB; ELISA; IP.

(May be suitable for use in other assays to be determined by the end user.)



[USAGE]

Reconstitute in sterile PBS, pH7.2-pH7.4.

[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 of the target protein. 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. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

[SEQUENCES]

The sequence of the target protein is listed below.

MLMCD TSGSIQLSEE QKSALAF LNR GQPSSSNAGN KRLSTIDESG SILSDISFDK
TDES LDWDSS LVKTFKLKRR EKRRSTSRQF VDGPPGPVKK TRSIGSAVDQ GNESIVAKTT
VTVPNDDGPI EAVSTIETVP YWTRSRRKTG TLQPWNSDST LNSRQLEPRT ETDSVGT PQS
NGGMRLHDFV SKTVIKPESC VPCGKRIKFG KLSLKCRDCR VVSHPECRDR CPLPCIPTLI
GTPVKIGEGM LADFVSQTSP MIPSIVVHCV NEIEQRGLTE TGLYRISGCD RTVKELKEKF
LRVKTVP LLS KVDDIHAICS LLKDFLRNLK EPLLTFR LNR AFMEAAEITD EDNSIAAMYQ
AVGELPQANR DTLAFLMIHL QRVAQSPHTK MDVANLAKVF GPTIVAHAVP NPDPVTMLQD
IKRQPKVVER LLSLPLEYW