RPE314Mu01 1

Recombinant Rho GTPase Activating Protein 17 (ARHGAP17)

Organism Species: *Mus musculus (Mouse)*

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: Gln14~Phe442

Tags: N-terminal His Tag

Subcellular Location: Membrane, Cytoplasm

Purity: > 90%

Traits: Freeze-dried powder

Buffer formulation: PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.

Original Concentration: 100μg

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: 5.8

Predicted Molecular Mass: 52.2kDa

Accurate Molecular Mass: 52kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

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 2-8ºC for one month.

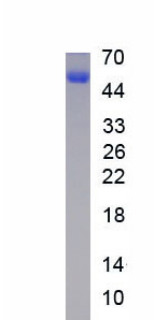
Aliquot and store at -80ºC for 12 months.

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]

QTVGRAE KTEVLSEDLL QIERRLDTVR SMCHHSHKRL
IACFQGQHG TDAERRHKKL PLTALAQNMQ EASAQLEESL LGKMLETCGD A
ENQLALEL SQHEVFVEKE IMDPLYGIAE VEIPNIQKQR KQLARLVLDW DS
VRARWNQ AHKSSGTNFQ GLPSKIDTLK EEMDEAGNKV EQCKDQLAAD MYN
FMAKEG EYGKFFVTLL EAQADYHRKA LAVLEKALPE MRAHQDKWAE KPAF
GTPLE EHLKRSGREI ALPIEACVML LLETGMKEEG LFRIGAGASK LKKLK
AALD CSTSHLDEFY SDPHAVAGAL KSYLRELPEP LMTFSLYEEW TQVASV
QDQ DKKLQYLWTT CQKLPPQNFV NFRYLIKFLA KLAQTSDVNK MTPSNIA
IV LGPNLLWAKQ EGTLAEIAAA TSVHVVAVIE PIIQHADWFF

[IDENTIFICATION]



[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.