RPC314Mu02 100μg

Recombinant Adenomatosis Polyposis Coli Protein (APC)

Organism Species: *Mus musculus (Mouse)*

Instruction manual

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

12th Edition (Revised in Aug, 2016)

[PROPERTIES]

Source: Prokaryotic expression

Host: *E.coli*

Residues: Ala2529~Ser2841

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

Subcellular Location: Membrane

Purity: > 95%

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: 9.8

Predicted Molecular Mass: 46.9kDa

Accurate Molecular Mass: 46kDa 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 2-8⁰C for one month.

Aliquot and store at -80⁰C 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]

AR SHSESPSRLP INRAGTWKRE HSKHSSSLPR VSTWRRTGSS SSILSASSES SEKAKSEDER HVSSMPAPRQ
MKENQVPTKG TWRKIKESDI SPTGMASQSA SSGAASGAES KPLIYQMAPP VSKTEDVWVR IEDCPINNPR SGRSPTGNTP
PVIDSVSEKG SSSIKDSKDT HGKQSVGSGS PVQTVGLETR LNSFVQVEAP EQKGTEAKPG QSNPVSIAET AETCIAERTP
FSSSSSSKHS SPSGTVAARV TPFNYNPSPR KSSADSTSAR PSQIPTPVST NTKKRDSKTD STESSGAQSP KRHSGSYLVT
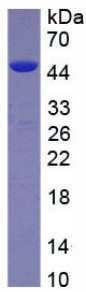S

[IDENTIFICATION]

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.