RPB344Hu01 100μg

Recombinant Actin Gamma 2, Smooth Muscle (ACTg2)

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: Glu3~Phe376

Tags: Two N-terminal Tags, His-tag and T7-tag

Accession: P63267

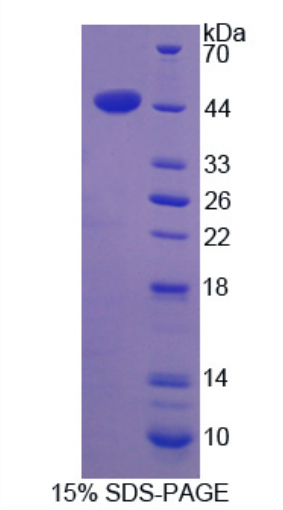
Host: *E. coli*

Subcellular Location: Cytoplasm.

Purity: >95%

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.



15% SDS-PAGE

Predicted isoelectric point: 5.3

Predicted Molecular Mass: 45.3kDa

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.

EEETTALV CDNGSGLCKA GFAGDDAPRA VFPSIVGRPR HQGVMVGMGQ KDSYVGDEAQ SKRGILTLKY PIEHGIITNW DDMEKIWHHS FYNELRVAPE EHPTLLTEAP LNPKANREKM TQIMFETFNV PAMYVAIQAV LSLYASGRTT GIVLDSGDGV THNVPIYEGY ALPHAIMRLD LAGRDLTDYL MKILTERGYS FVTTAEREIV RDIKEKLCYV ALDFENEMAT AASSSSLEKS YELPDGQVIT IGNERFRCPE TLFQPSFIGM ESAGIHETTY NSIMKCDIDI RKDLYANNVL SGGTTMYPGI ADRMQKEITA LAPSTMKIKI IAPPERKYSV WIGGSILASL STFQQMWISK PEYDEAGPSI VHRKCF