

RPB344Hu01 50µg

Recombinant Actin Gamma 2, Smooth Muscle (ACTg2)

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: Glu3~Phe376

Tags: N-terminal His Tag

Subcellular Location: Cytoplasm

Purity: > 90%

Traits: Freeze-dried powder

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

Original Concentration: 400µg/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: 5.2

Predicted Molecular Mass: 45.3KDa

Accurate Molecular Mass: 45kDa 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 2-8°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]

EEETALV	CDNGSLCKA	GFAGDAPRA	VFPSIVGRPR	HQGMVMGMQ
KDSYVGDEAQ	SKRGILTLY	PIEHGIITNW	DDMEKIWHHS	FYNELRVAPE
EHPTLLTEAP	LNPKANREKM	TQIMFETFN	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		

[IDENTIFICATION]

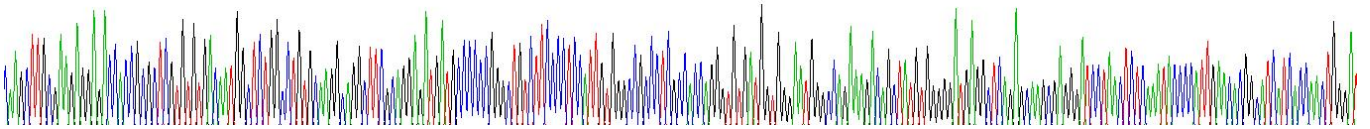
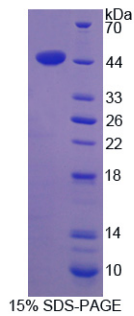


Figure . Gene Sequencing (extract)



[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.