

Recombinant Actin Gamma 2, Smooth Muscle (ACTg2) Instruction Manual

SIPB747Hu01

Homo sapiens (Human)

| | |
|---------------------------------|----------------------------------------------------|
| Source | Prokaryotic expression |
| Host | E.coli |
| Endotoxin Level | <1.0EU per 1µg (determined by the LAL method) |
| Subcellular Location | Secreted |
| Predicted Molecular Mass | 45.3KDa |
| Accurate Molecular Mass | 45kDa(Analysis of differences refer to the manual) |
| Residues & Tags | Glu3~Phe376 with N-terminal His Tag |
| Buffer Formulation | PBS, pH7.4, containing 0.01% SKL, 5% Trehalose. |
| Traits | Freeze-dried powder |
| Purity | > 97% |
| Isoelectric Point | 5.3 |
| Applications | Positive Control; Immunogen; SDS-PAGE; WB. |

SEQUENCE

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EEETALV CDNGSGLCKA GFAGDDAPRA VFPSIVGRPR HQGVMVGMGQ  
KDSYVGDEAQ SKRGILTLYK PIEHGIITNW DMEKIWHHS FYNELRVAPE  
EHPTLLTEAP LNPKANREKM TQIMFETFNV PAMYVAIQAV LSLYASGRRT  
GIVLDSGDGV THNVPIYEGY ALPHAIMRLD LAGRDLTDYL MKILTERGYS  
FVTTAEREIV RDIKEKLCYV ALDFENEMAT AASSSSLEKS YELPDGQVIT  
IGNERFRCPE TLFQPSFIGM ESAGIHETTY NSIMKCDIDI RKDLYANNVL  
SGGTTMYPGI ADRMQKEITA LAPSTMKIKI IAPPERKYSV WIGGSILASL  
STFQQMWISK PEYDEAGPSI VHRKCF
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USAGE

Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

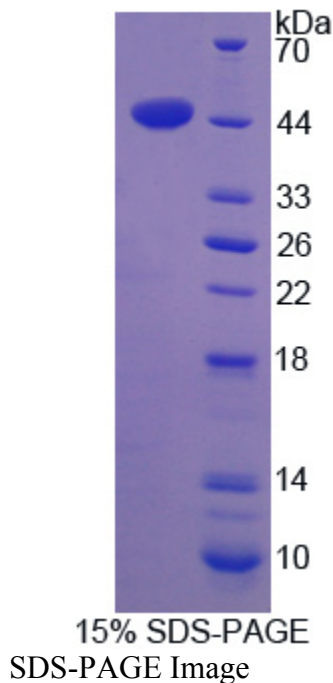
STORAGE

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

STABILITY

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.

Image



[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.