

# Actin-46, Recombinant Protein

Cat RP15403

Size 0.02 mg (E-Coli)/ 0.02 mg (Yeast)/ 0.1 mg (E-Coli)/ 0.1 mg (Yeast)/ 0.02 mg (Baculovirus)/ 0.02 mg (Mammalian-Cell)/ 0.1

mg (Baculovirus)/ 1 mg (E-Coli)/ 1 mg (Yeast)/ 0.1 mg (Mammalian-Cell)/ 1 mg (Baculovirus)/ 0.5 mg (Mammalian-Cell)  
Solanum tuberosum (Potato)

## Full Product Name

Recombinant Solanum tuberosum Actin-46

## Purity

Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)

## Sequence

AGFAGDDAPR AVFPSIVGRP RHAGVMVGMG QKDAYVGD EA QSKRGILTLK YPIEHGIVNN WDDMEKIWHH  
TFYNELRVAP EERPVL L TEA PLNPKANREK MTQIMFETFN APAMYVAIQA VLSLYASGRT TGIVLD SG DG  
VSHTVPIYEG YALPHAILRL DLAGADLTEY MVKILTERGY SFTTTAEKEI VRDMKEK LAY LALDFEQELE  
TTTTGSAVEK NYELPDGQVI TIGAERFRCP EVLYQP SLIG MEAAGIHETT YNSIMKCDVD IRKDLYGNIV  
LSGGSTMFPG IADRMSKEIQ ALAPSSMKIK VVAPPERKYS VVIGGSILAS LSTFQQ

## Sequence Positions

1-336, Full length protein

## Format

Lyophilized or liquid (Format to be determined during the manufacturing process)

## Host

E Coli or Yeast or Baculovirus or Mammalian Cell

## Molecular Weight

37,089 Da

## Storage

Store at -20°C. For long-term storage, store at -20°C or -80°C. Store working aliquots at 4°C for up to one week. Repeated freezing and thawing is not recommended.

## Protein Family

Actin

## NCBI Accession #

P93586.1

## NCBI GI #

3219768

## NCBI Official Full Name

Actin-46

## UniProt Protein Name

Actin-46

## UniProt Primary Accession #

P93586

## UniProt Comments

Actins are highly conserved proteins that are involved in various types of cell motility and are ubiquitously

**FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY**

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expressed in all eukaryotic cells. Essential component of cell cytoskeleton, plays an important role in cytoplasmic streaming, cell shape determination, cell division, organelle movement and extension growth.

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