

# Actin-79, Recombinant Protein

Cat RP15402

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)

## Full Product Name

Recombinant Solanum tuberosum Actin-79

## Purity

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

## Sequence

AGFAGDDAPR AVFPSIVGRP RHTGVMVGMG QKDAYVGD EA QSKRGILTLK YPIEHGIVSN WDDMEKIWHH  
TFYNELRVAP EEHPVLLTEA PLNPKANREK MTQIMFETFN TPAMYVAIQA VLSLYASGRT TGIVLDSDGD  
VSHTVPIYEG YALPHAILRL DLAGRDLTDH LMKILTERGY SFTTTAEREI VRDVKEKLSY IALDYEQEIE  
TAKTSSSVEK SYELPDGQVI PIGAERFRCP EVLFQPSMIG MEAAGIHETT YNSIMKCDVD IRKDLYGNIV  
LSGGTTMFPG IADRMSKEIT 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

37,192 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 #

P81229.1

## NCBI GI #

3219759

## NCBI Official Full Name

Actin-79

## UniProt Protein Name

Actin-79

## UniProt Primary Accession #

P81229

## 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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