

Actin-82, Recombinant Protein

Cat RP15391

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-82

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 TGIVMDSGDG
VSHTVPIYEG YALPHAILRL DLAGRDLTDH LMKILTERGY SFTTTAEREI VRDVKEKLSY IALDYEQELD
TSKTSSSVEK SYELPDGQVI TIGAERFRCP EVLFQPSMIG MEAAGIHETT YNSIMKCDVD IRKDLYGNIV
LSGGTTMFNG IADRMSKEIT ALAPSSMKIK VVAPPERKYS VWIGGSILAS 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

37,233 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

P93584.1

NCBI GI

3219766

NCBI Official Full Name

Actin-82

UniProt Protein Name

Actin-82

UniProt Primary Accession

P93584

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

Actin-82, Recombinant Protein

Cat RP15391

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)

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.

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY