

Actin-65, Recombinant Protein

Cat RP15359

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-65

Purity

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

Sequence

AGFAGDDAPR AVFPSIVGRP RHTGVMVGMG QKDAYVGDEA QSKRGILSLK YPIEHGIVSN WDDMEKIWHH
TFYNELRVVP EEHPVLLTEA PLNPKANREK MTQIMFETFN TPAMYVAIQA VLSLYASGRT TGIVMGSGDG
VSHTVPIYEG YALPHAILRL DLAGRDLTDH LMKILTERGY SFTTTAEREI VRDVKEKLSY IAPDYEQEII
DTTSSSKTVE KTYELPDGQV ITIGAERFRC PEVLFFQPSII GMEAAGIHET TYNSIMKCDV DIRKDLYGNI
VLSGGTTMFP GIADRMSKEI TALAPSSMKI KVVAPPERKY SVWIGGSILA SLSTFQL

Sequence Positions

1-337, 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

37,264 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

P93585.1

NCBI GI

3219767

NCBI Official Full Name

Actin-65

UniProt Protein Name

Actin-65

UniProt Primary Accession

P93585

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-65, Recombinant Protein

Cat RP15359

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