

Actin-3 (ACT3), Recombinant Protein

Cat RP11273

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)
Species Oryza sativa subsp. indica (Rice)

Full Product Name

Recombinant Oryza sativa subsp. indica Actin-3 (ACT3)

Product Gene Name

ACT3 recombinant protein

Purity

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

Sequence

MADGEDIQPL VCDNGTGMVK AGFAGDDAPR AVFPSIVGRP RHTGVMVGMG QKDAYVGDEA QSKRGILTLK
YPIEHGIVNN WDDMEKIWHH TFYNELRVAP EEHPILLTEA PLNPKANREK MTQIMFETFN APAMYVAIQA
VLSLYASGRT TGIVLDSDGD VTHTVPIYEG YALPHAILRL DLAGRDLTDC LMKILTERGY SFTTTAEREI
VRDIKEKLAY IALDYEQELE TAKSSSSVEK SYELPDGQVI TIGAERFRCP EVLFQPSLIG MEAPGIHETT
YNSIMKCDVD IRKDLYGNIV LSGGTTMFPG IADRMSKEIT ALAPSSMKIK VVAPPERKYS VWIGGSILAS
LSTFQQMWIS KGEYDESGPS IVHRKCF

Sequence Positions

1-377, 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

41,706 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

A2XNS1.2

NCBI GI

148886770

NCBI Official Full Name

Actin-3

UniProt Gene Name

ACT3

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

Actin-3 (ACT3), Recombinant Protein

Cat *RP11273*

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*

UniProt Synonym Gene Names
mg (Baculovirus)/ 1 mg (E-Coli)/ 1 mg (Yeast)/ 0.1 mg (Mammalian-Cell)/ 1 mg (Baculovirus)/ 0.5 mg (Mammalian-Cell)
AC3; RAC3

UniProt Protein Name

Actin-3

UniProt Primary Accession

A2XNS1

UniProt Secondary Accession

P17299; Q75LK6

UniProt Comments

Actins are highly conserved proteins that are involved in various types of cell motility and are ubiquitously expressed in all eukaryotic cells.

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY