

## Actin-related protein 3 (ACTR3) Recombinant Protein | ACTR3 recombinant protein

Recombinant Human Actin-related protein 3 (ACTR3)

|                               |                                                                 |
|-------------------------------|-----------------------------------------------------------------|
| CATALOG #<br><b>AAA113947</b> | HOST<br><b>E Coli or Yeast or Baculovirus or Mammalian Cell</b> |
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### PRODUCT SYNONYMS

Actin-related protein 3 (ACTR3); Recombinant Human Actin-related protein 3 (ACTR3); ACTR3 recombinant protein

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                    | E Coli or Yeast or Baculovirus or Mammalian Cell                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Purity/Purification     | Greater or equal to 85% purity as determined by SDS-PAGE.                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Form/Format             | Lyophilized or liquid (Format to be determined during the manufacturing process)                                                                                                                                                                                                                                                                                                                                                                                            |
| Sequence Positions      | 2-418. Full Length of Mature Protein                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Sequence                | AGRLPACVVD CGTGYTKLGY AGNTEPQFII PSCIAIKESA KVGDDAQRRV MKGVDDLDFF IGDEAIEKPT YATKWPIRHG IVEDWDLMER FMEQVIFKYL RAEPEDHYFL LTEPPLNTP E NREYTA EIMF ESFNVPGLYI AVQAVLALAA SWTSRQVGER TLTGTVIDSG DGVTHVIPVA EGYVIGSCK HIPIAGRDIT YFIQQLLRDR EVGIPPEQSL ETAKAVKERY SYVCPDLVKE FNKYDTDGSK WIKQYTGINA ISKKEFSIDV GYERFLGPEI FFHPEFANPD FTQPISEVVD EVIQNCPIDV RRPLYKNIVL SGGSTMFRDF GRRLQRDLKR TVDARLKLSE ELSGGRLKPK PIDVQVITHH MQRVAVWFGG SMLASTPEFY QVCHTKKDYE EIGPSICRHN PVFGVMS |
| Species                 | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Preparation and Storage | Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.                                                                                                                                                                                                                                                                         |

### ADDITIONAL INFORMATION

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| Related Product Information for ACTR3 recombinant protein | The specific function of this gene has not yet been determined; however, the protein it encodes is known to be a major constituent of the ARP2 3 complex. This complex is located at the cell surface and is essential to cell shape and motility through lamellipodial actin assembly and protrusion. |
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### NCBI AND UNIPROT INFORMATION

|                                  |                                      |
|----------------------------------|--------------------------------------|
| NCBI GI #                        | 5031573                              |
| NCBI GeneID                      | 10096                                |
| NCBI Accession #                 | NP_005712.1                          |
| NCBI GenBank Nucleotide #        | NM_005721.4                          |
| UniProt Accession #              | P61158; P32391; Q53QM2               |
| Molecular Weight                 | 47,371 Da                            |
| NCBI Official Full Name          | actin-related protein 3 isoform 1    |
| NCBI Official Synonym Full Names | ARP3 actin related protein 3 homolog |
| NCBI Official Symbol             | ACTR3                                |
| NCBI Official Synonym Symbols    | ARP3                                 |

|                            |                         |
|----------------------------|-------------------------|
| NCBI Protein Information   | actin-related protein 3 |
| UniProt Protein Name       | Actin-related protein 3 |
| UniProt Gene Name          | <b>ACTR3</b>            |
| UniProt Synonym Gene Names | ARP3                    |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/actr3-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/113947>