

ARP3 Actin-Related Protein 3 Recombinant Protein | ACTR3 recombinant protein

Recombinant Human ARP3 Actin-Related Protein 3

CATALOG # AAA38014	HOST E Coli
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PRODUCT SYNONYMS

ARP3 Actin-Related Protein 3; Recombinant Human ARP3 Actin-Related Protein 3; ARP3 Actin-Related Protein 3 Homolog (Yeast); ARP3; Actin-Like Protein 3; ARP3 (Actin-Related Protein 3; Yeast) Homolog; Actin-Related Protein 3.; ACTR3 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 85.0% as determined by SDS-PAGE.
Form/Format	Sterile Filtered colorless solution. ACTR3 protein solution (0.25 mg/ml) containing 20mM Tris-HCl buffer (pH 8.0) and 10% glycerol.
Sequence	MGSSHHH HHHSSGLVPR GSHMGS MAGRLPACVV DCGTGYTKLG YAGNTEPQFI IPSCIAIKES AKVGDQAQRR VMKGVDDLDF FIGDEAIEKP TYATKWPIRH GIVEDWDLME RFMEQVIFKY LRAEPEDHYF LLTEPLNTP ENREYTAEIM FESFNVPGLY IAVQAVLALA ASWTSRQVGE RTLTGTVIDS GDGVTHVIPV AEGYVIGSCI KHIPIAGRDI TYFIQQLLRD REVGIPEEQS LETAKAVKER YSYVCPDLVK EFNKYD TDGS KWIKQYTGIN AISKKEFSID VGYERFLGPE IFFHPEFANP DFTQPISEVV DEVIQNCPID VRRPLYKNIV LSGGSTMFRD FGRRLQRDLK RTVDARKLS EELSGGRLKP KPIDVQVITH HMQRYAVWFG GSMLASTPEF YQVCHTKKDY EEIGPSICRH NPVFGVMS
Sequence Length	418
Preparation and Storage	Store at 4 degree C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for ACTR3 recombinant protein	Description: ACTR3 Human Recombinant produced in E Coli is a single, non-glycosylated polypeptide chain containing 441 amino acids (1-418 a.a) and having a molecular mass of 49.8kDa. ACTR3 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. Introduction: ARP3 Actin-Related Protein 3, also known as ACTR3, belongs to the actin family. The specific function of ACTR3 has not been established yet. On the other hand, ACTR3 is identified as being a major constituent of the ARP2/3 complex. In addition, this complex is located at the cell surface and vital to cell shape & motility through lamellipodial actin assembly and protrusion. 3 transcript variants encoding 2 different isoforms have been discovered for ACTR3.
Product Categories/Family for ACTR3 recombinant protein	Recombinant & Natural Proteins

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	49.8kDa
NCBI Official Full Name	actin-related protein 3 isoform 1
NCBI Official Synonym Full Names	ARP3 actin-related protein 3 homolog (yeast)
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	ACTR3
UniProt Synonym Gene Names	ARP3
UniProt Entry Name	ARP3_HUMAN

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/38014>