Actin-related protein 2 (ACTR2) Recombinant Protein | ACTR2 recombinant protein

Recombinant Human Actin-related protein 2 (ACTR2)

CATALOG #	HOST
AAA113701	**E Coli or Yeast or Baculovirus or Mammalian Cell**

PRODUCT SYNONYMS

Actin-related protein 2 (ACTR2); Recombinant Human Actin-related protein 2 (ACTR2); ACTR2 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	1-394aa; Full Length
Sequence	MDSQGRKVVV CDNGTGFVKC GYAGSNFPEH IFPALVGRPI IRSTTKVGNI EIKDLMVGDE ASELRSMLEV NYPMENGIVR NWDDMKHLWD YTFGPEKLNI DTRNCKILLT EPPMNPTKNR EKIVEVMFET YQFSGVYVAI QAVLTLYAQG LLTGVVVDSG DGVTHICPVY EGFSLPHLTR RLDIAGRDIT RYLIKLLLLR GYAFNHSADF ETVRMIKEKL CYVGYNIEQE QKLALETTVL VESYTLPDGR IIKVGGERFE APEALFQPHL INVEGVGVAE LLFNTIQAAD IDTRSEFYKH IVLSGGSTMY PGLPSRLERE LKQLYLERVL KGDVEKLSKF KIRIEDPPRR KHMVFLGGAV LADIMKDKDN FWMTRQEYQE KGVRVLEKLG VTVR
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

Related Product Information for ACTR2 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. Two transcript variants encoding different isoforms have been found for this gene.

NCBI AND UNIPROT INFORMATION

NCBI GI #	53692187
NCBI GeneID	10097
NCBI Accession #	NP_001005386.1
NCBI GenBank Nucleotide #	NM_001005386.2
UniProt Accession #	P61160; O15142; Q96C82; B2RCP5; D6W5F4; E9PF41
Molecular Weight	45,377 Da
NCBI Official Full Name	actin-related protein 2 isoform a
NCBI Official Synonym Full Names	ARP2 actin related protein 2 homolog
NCBI Official Symbol	ACTR2

NCBI Official Synonym Symbols	ARP2
NCBI Protein Information	actin-related protein 2
UniProt Protein Name	Actin-related protein 2
UniProt Gene Name	**ACTR2**
UniProt Synonym Gene Names	ARP2

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/actr2-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/113701