9051 Mira Mesa Blvd, #910094
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ARPC3 Human

Actin Related Protein 2/3 Complex, Subunit 3 Human Recombinant
RCP0119

Product Overview

Name	ARPC3 Human
Description	
Actin Related Protein 2/3 Complex, Subunit 3 Human Recombinant	
Accession (Primary)	O15145
Synonyms	
ARC21, p21-Arc, Actin-related protein 2/3 complex subunit 3, Arp2/3 complex 21 kDa subunit, ARPC3.	
Introduction	
Actin-related protein 2/3 complex subunit 3 (ARPC3) which Belongs to the ARPC3 family is one of 7 subunits of the human Arp2/3 protein complex. The Arp2/3 complex is involved in regulation of actin polymerization and together with an activating nucleation-promoting factor (NPF) mediates the formation of branched actin networks. ARPC3 which is localized to the cytoplasm and cytoskeleton, interacts with p20-ARC and takes part in the structural integrity of the protein complex.	
Source	
E.coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
ARPC3 protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 30% glycerol and 1mM DTT.	
Stability	
Store at 4°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.	
Purity	
Greater than 95% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGS MPAYHSS LMDPDTKLIG NMALLPIRSQ FKGPAPRETK DTDIVDEAIY YFKANVFFKN YEIKNEADRT LIYITLYISE CLKKLQKCNS KSQGEKEMYT LGITNFPIPG EPGFPLNAIY AKPANKQEDE VMRAYLQQLR QETGLRLCEK VFDPQNDKPS KWWTCFVKRQ FMNKSLSGPG Q.	

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Precautions

ARPC3 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (O15145)