

## 32-3248: ARPC3 Recombinant Protein

**Alternative Name :** ARC21,p21-Arc,Actin-related protein 2/3 complex subunit 3,Arp2/3 complex 21 kDa subunit,ARPC3.

### Description

Source : E.coli. ARPC3 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 201 amino acids (1-178 a.a) and having a molecular mass of 22.9kDa. ARPC3 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. 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.

### Product Info

<b>Amount :</b>	20 µg
<b>Purification :</b>	Greater than 95% as determined by SDS-PAGE.
<b>Content :</b>	ARPC3 protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 30% glycerol and 1mM DTT.
<b>Storage condition :</b>	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.
<b>Amino Acid :</b>	MGSSHHHHHH SSSLVPRGSH MGSMPAYHSS LMDPDTKLIG NMALLPIRSQ FKGPAPRETK DTDIVDEAIY YFKANVFFKN YEIKNEADRT LIYITLYISE CLKKLQKCNS KSQGEKEMYT LGITNFPIPG EPGFPLNAIY AKPANKQEDE VMRAYLQQLR QETGLRLCEK VFDPQNDKPS KWWTCFVKRQ FMNKSLSGPG Q.