

## 32-3247: ARPC5 Recombinant Protein

**Alternative Name** : Actin-related protein 2/3 complex subunit 5, Arp2/3 complex 16 kDa subunit, p16-ARC, ARPC5, ARC16, MGC88523, dj127C7.3.

### Description

Source : Escherichia Coli. ARPC5 Human Recombinant fused with a 20 amino acid His tag at N-terminus produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 171 amino acids (1-151 a.a.) and having a molecular mass of 18.4kDa. The ARPC5 is purified by proprietary chromatographic techniques. ARPC5 is a 151 amino acid subunit of the Arp2/3 complex. ARPC5 is believed to have a role in maintaining the integrity of Arp2/3. ARPC5 is a substrate for MAPKAPK-2 which, via phosphorylation of ARPC5, may participate in Arp2/3 regulatory functions and remodeling of the Actin cytoskeleton.

### Product Info

**Amount :** 20 µg  
**Purification :** Greater than 90.0% as determined by SDS-PAGE.  
**Content :** The ARPC5 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 1mM DTT, 50% glycerol and 0.1M NaCl.  
**Storage condition :** 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.  
**Amino Acid :** MGSSHHHHHH SGLVPRGSH MSKNTVSSAR FRKVDVDEYD ENKFVDEEDG GDGQAGPDEG  
EVDSCLRQGN MTAALQAALK NPPINTKSQA VKDRAGSIVL KVLISFKAND IEKAVQSLDK NGVDLLMKYI  
YKGFESPSDN SSAMLLQWHE KALAAGGVGS IVRVLTARKT V.

