ARPC3, 1-178aa, Human, His tag, E.coli

Cat.NO.: TP01233

3th Edition

Synonyms: Actin-related protein 2/3 complex subunit 3, ARC21, p21-Arc

Description: Actin-related protein 2/3 complex subunit 3, also known as ARPC3, is one of seven subunits of the human Arp2/3 protein complex. Localized to the cytoplasm and cytoskeleton, ARPC3 is thought to interact with p20-ARC and play an important role in the structural integrity of the protein complex. Recombinant human ARPC3 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

Form: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 30% glycerol, 1mM DTT

Molecular Weight:22.9 kDa (201aa) confirmed by MALDI-TOF

Sequences:
MGSSHHHHHHSSGLVPRGSHMGSMPAYHSSLMDPDTKLIGNMALLPIRSQFKGPAPRETKDTDIVDEAIYYFKANV
FFKNYEIKNEADRTLIYITLYISECLKKLQKCNSKSQGEKEMYTLGITNFPIPGEPGFPLNAIYAKPANKQEDEVMRAY
LQQLRQETGLRLCEKVFDPQNDKPSKWWTCFVKRQFMNKSLSGPGQ

Purity:> 95% by HPLC

Concentration:0.5 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage: Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.