

## Product datasheet for AR50859PU-N

## OriGene Technologies, Inc.

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## ARPC3 / ARC21 (1-178, His-tag) Human Protein

**Product data:** 

**Product Type:** Recombinant Proteins

**Description:** ARPC3 / ARC21 (1-178, His-tag) human recombinant protein, 0.5 mg

Species: Human
Expression Host: E. coli

Expression cDNA Clone MGSSHHHHHH SSGLVPRGSH MGSMPAYHSS LMDPDTKLIG NMALLPIRSQ FKGPAPRETK

or AA Sequence: DTDIVDEAIY YFKANVFFKN YEIKNEADRT LIYITLYISE CLKKLQKCNS KSQGEKEMYT LGITNFPIPG

EPGFPLNAIY AKPANKQEDE VMRAYLQQLR QETGLRLCEK VFDPQNDKPS KWWTCFVKRQ

FMNKSLSGPG Q

Tag: His-tag
Predicted MW: 22.9 kDa
Concentration: lot specific

**Purity:** >95% by SDS - PAGE

**Buffer:** Presentation State: Purified

State: Liquid purified protein

Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 30% glycerol, 1 mM

DTT

**Preparation:** Liquid purified protein

**Protein Description:** Recombinant human ARPC3 protein, fused to His-tag at N-terminus, was expressed in E.coli

and purified by using conventional chromatography techniques.

Storage: Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid

repeated freezing and thawing.

**Stability:** Shelf life: one year from despatch.

**RefSeq:** <u>NP 001265485</u>

 Locus ID:
 10094

 UniProt ID:
 015145

 Cytogenetics:
 12q24.11

**Synonyms:** ARC21; p21-Arc





Summary: This gene encodes one of seven subunits of the human Arp2/3 protein complex. The Arp2/3

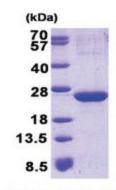
protein complex has been conserved through evolution and is implicated in the control of actin polymerization in cells. Alternatively spliced transcript variants have been found for this

gene. [provided by RefSeq, Dec 2013]

**Protein Pathways:** Fc gamma R-mediated phagocytosis, Pathogenic Escherichia coli infection, Regulation of actin

cytoskeleton

## **Product images:**



15% SDS-PAGE (3ug)