

Product datasheet for **AR39015PU-L**

ARPC5 / ARC16 (1-151, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	ARPC5 / ARC16 (1-151, His-tag) human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	<u>MGSSHHHHHH SSGLVPRGSH</u> MSKNTVSSAR FRKVDVDEYD ENKFVDEEDG GDGQAGPDEG EVDSCLRQGN MTAALQAALK NPPINTKSQA VKDRAGSIVL KVLISFKAND IEKAVQSLDK NGVDLLMKYI YKGFESPSDN SSAMLLQWHE KALAAGGVGS IVRVLTARKT V
Tag:	His-tag
Predicted MW:	18.4 kDa
Concentration:	lot specific
Purity:	>90%
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 1 mM DTT, 50% glycerol, 0.1M NaCl
Preparation:	Liquid purified protein
Protein Description:	Recombinant human ARPC5 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 up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<u>NP_001257368</u>
Locus ID:	10092
UniProt ID:	<u>O15511</u>
Cytogenetics:	1q25.3
Synonyms:	ARC16; dj127C7.3; p16-Arc



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Summary: This gene encodes one of seven subunits of the human Arp2/3 protein complex. The Arp2/3 protein complex has been implicated in the control of actin polymerization in cells and has been conserved through evolution. The exact role of the protein encoded by this gene, the p16 subunit, has yet to be determined. Alternatively spliced transcript variants encoding different isoforms have been observed for this gene. [provided by RefSeq, Jul 2012]

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

Product images:

