

Recombinant Human ARPC5, His-tagged

Cat. No. ARPC5-9886H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ARPC5 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-154a.a.
Description	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.
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 300mM Imidazole and 0.7% Sarcosyl, 15%glycerol.

GENE INFORMATION

Gene Name	ARPC5 actin related protein 2/3 complex, subunit 5, 16kDa [Homo sapiens]
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Official Symbol	ARPC5
Synonyms	ARPC5; actin related protein 2/3 complex, subunit 5, 16kDa; actin related protein 2/3 complex, subunit 5 (16 kD); actin-related protein 2/3 complex subunit 5; ARC16; Arp2/3 protein complex subunit p16; dJ127C7.3; p16 Arc; arp2/3 complex 16 kDa subunit; p16-Arc; MGC88523;
Gene ID	10092
mRNA Refseq	NM_005717
Protein Refseq	NP_005708
MIM	604227
UniProt ID	O15511
Chromosome Location	1q
Pathway	B Cell Receptor Signaling Pathway, organism-specific biosystem; Bacterial invasion of epithelial cells, organism-specific biosystem; Bacterial invasion of epithelial cells, conserved biosystem; CDC42 signaling events, organism-specific biosystem; ErbB1 downstream signaling, organism-specific biosystem; Fc gamma R-mediated phagocytosis, organism-specific biosystem; Fc gamma R-mediated phagocytosis, conserved biosystem;
Function	actin binding; protein binding; structural constituent of cytoskeleton;