

Recombinant Human ARPC4 Protein, His-tagged

Cat. No. ARPC4-151H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human actin related protein 2/3 complex subunit 4(ARPC4), transcript variant 1(NM_005718), with a His tag, was expressed in human cells.
Species	Human
Source	Human Cells
Description	This gene encodes one of seven subunits of the human Arp2/3 protein complex. This complex controls actin polymerization in cells and has been conserved throughout eukaryotic evolution. This gene encodes the p20 subunit, which is necessary for actin nucleation and high-affinity binding to F-actin. Alternative splicing results in multiple transcript variants. Naturally occurring read-through transcription exists between this gene and the downstream tubulin tyrosine ligase-like family, member 3 (TTLL3), which results in the production of a fusion protein.
Form	Purified protein formulated in a sterile solution of TBS buffer, pH7.25, without any preservatives.
Molecular Mass	19.5 kDa
Endotoxin	Endotoxin level is < 0.1 ng/g of protein (<1EU /g)
Purity	>90% by SDS-PAGE gel and Coomassie Blue staining
Applications	Antigens, Western, ELISA and other in vitro binding or in vivo functional assays, and

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protein-protein interaction studies.

GENE INFORMATION

Gene Name [ARPC4 actin related protein 2/3 complex, subunit 4, 20kDa \[Homo sapiens \]](#)

Official Symbol [ARPC4](#)

Synonyms

ARPC4; actin related protein 2/3 complex, subunit 4, 20kDa; actin related protein 2/3 complex, subunit 4 (20 kD); actin-related protein 2/3 complex subunit 4; actin related protein 2/3 complex; subunit 4 (20 kD); ARC20; Arp2/3 protein complex subunit p20; p20 Arc; arp2/3 complex 20 kDa subunit; arp2/3 protein complex subunit p20; P20-ARC; MGC13544;

Gene ID [10093](#)

mRNA Refseq [NM_001024959](#)

Protein Refseq [NP_001020130](#)

MIM [604226](#)

UniProt ID [P59998](#)

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