Recombinant Human ARPC4, GST-tagged

Cat. No. ARPC4-9885H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ARPC4 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-168a.a.
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.
Storage	The protein is stored in PBS buffer at -20℃. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100,15%glycerol.

GENE INFORMATION

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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
Chromosome Location	3p25
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	contributes_to actin filament binding; protein binding; contributes_to protein binding,

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