

Recombinant Human ARPC4 protein, GST-tagged

Cat. No. ARPC4-848H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ARPC4 full-length ORF (NP_001020130.1, 1 a.a. - 78 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
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. [provided by RefSeq, Nov 2010]
Molecular Mass	36 kDa
AA Sequence	MRFMMMRAENFFILRRKPVEGYDISFLITNFHTEQMYKHKLVDVFIHFMEEDKEISE MKLSVNARARIVAEFLKNF
Applications	Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein); Antibody Production; Protein Array
Notes	Best use within three months from the date of receipt of this protein.

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Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

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](#)

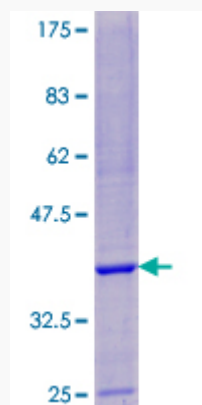
MIM [604226](#)

UniProt ID [P59998](#)

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12.5% SDS-PAGE Stained with Coomassie Blue.

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