

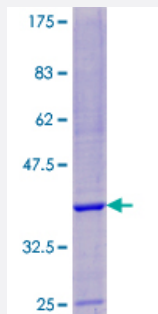
Full-Length

ARPC4 (Human) Recombinant Protein (P01)

Catalog # H00010093-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human ARPC4 full-length ORF (NP_001020130.1, 1 a.a. - 78 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MRFMMMRAENFFILRRKPVEGYDISFLITNFHTEQMYKHKLVDFVIHFMEEDKEISEMKLSVNARA RVAEEFLKNF
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — ARPC4

Entrez GeneID [10093](#)

GeneBank Accession# [NM_001024959.1](#)

Protein Accession# [NP_001020130.1](#)

Gene Name ARPC4

Gene Alias ARC20, MGC13544, p20-Arc

Gene Description actin related protein 2/3 complex, subunit 4, 20kDa

Omim ID [604226](#)

Gene Ontology [Hyperlink](#)

Gene 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 p20 subunit, has yet to be determined. Three transcript variants encoding two distinct isoforms have been found for this gene. [provided by RefSeq]

Other Designations Arp2/3 protein complex subunit p20|OTTHUMP00000165252|actin related protein 2/3 complex subunit 4|actin related protein 2/3 complex, subunit 4 (20 kD)

Pathway

- [Fc gamma R-mediated phagocytosis](#)
- [Regulation of actin cytoskeleton](#)