

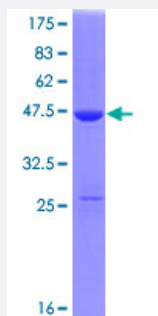
Full-Length

ARPC3 (Human) Recombinant Protein (P01)

Catalog # H00010094-P01

Size 10 ug, 25 ug

Applications



Specification

Product Description	Human ARPC3 full-length ORF (NP_005710.1, 1 a.a. - 178 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MPAYHSSLMDPDTKLIGNMALLPIRSQFKGPAPRETKD TDIVDEAIYFKANVFFKNYEIKNEADRT LMTLYISECLKKLQKCNSKSQGEKEMYTLGITNFIPIGEPGFPLNAIYAKPANKQEDEV MRAYLQQ LRQETGLRLCEKVFDPQNDKPSKWWTCFVKRQFMNKSLSGPGQ
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	46.9
Interspecies Antigen Sequence	Mouse (97); Rat (97)
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 — ARPC3

Entrez GeneID [10094](#)

GeneBank Accession# [NM_005719.2](#)

Protein Accession# [NP_005710.1](#)

Gene Name ARPC3

Gene Alias ARC21, p21-Arc

Gene Description actin related protein 2/3 complex, subunit 3, 21kDa

Omim ID [604225](#)

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 p21 subunit, has yet to be determined. [provided by RefSeq]

Other Designations ARP2/3 protein complex subunit p21|actin related protein 2/3 complex subunit 3|actin related protein 2/3 complex, subunit 3 (21 kD)

Pathway

- [Fc gamma R-mediated phagocytosis](#)

- [Regulation of actin cytoskeleton](#)