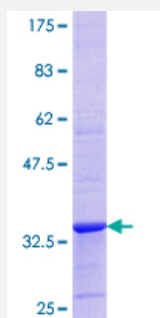


# ARPC3 (Human) Recombinant Protein (Q02)

Catalog # H00010094-Q02

Size 25 ug, 10 ug

## Applications



## Specification

<b>Product Description</b>	Human ARPC3 partial ORF ( NP_005710.1, 1 a.a. - 78 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Sequence</b>	MPAYHSSLMDPDTKLIGNMALLPIRSQFKGPAPRETKDITDIVDEAIYFKANVFFKNEYIKNEADRT LMTLYISEC
<b>Host</b>	Wheat Germ (in vitro)
<b>Theoretical MW (kDa)</b>	34.32
<b>Interspecies Antigen Sequence</b>	Mouse (97); Rat (97)
<b>Preparation Method</b>	<a href="#">in vitro wheat germ expression system</a>
<b>Purification</b>	Glutathione Sepharose 4 Fast Flow
<b>Quality Control Testing</b>	12.5% SDS-PAGE Stained with Coomassie Blue.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
<b>Storage Instruction</b>	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
<b>Note</b>	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](#)

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](#)