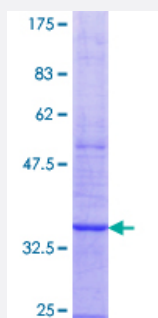


ARPC5 (Human) Recombinant Protein (Q01)

Catalog # H00010092-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human ARPC5 partial ORF (AAH57237.1, 31 a.a. - 89 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	GDGQAGPDEGEVDSCLRHSITGNMTAALQAALKNPPINTKSQAVKDRAGSMLKVLISF
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	32.23
Interspecies Antigen Sequence	Mouse (96); 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 — ARPC5

Entrez GeneID [10092](#)

GeneBank Accession# [BC057237](#)

Protein Accession# [AAH57237.1](#)

Gene Name ARPC5

Gene Alias ARC16, MGC88523, dJ127C7.3, p16-Arc

Gene Description actin related protein 2/3 complex, subunit 5, 16kDa

Omim ID [604227](#)

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 p16 subunit, has yet to be determined. [provided by RefSeq]

Other Designations Arp2/3 protein complex subunit p16|OTTHUMP00000033266|actin related protein 2/3 complex subunit 5|actin related protein 2/3 complex, subunit 5 (16 kD)

Pathway

- [Fc gamma R-mediated phagocytosis](#)
- [Pathogenic Escherichia coli infection - EHEC](#)

- [Regulation of actin cytoskeleton](#)