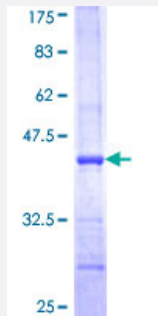# ARPC4 (Human) Recombinant Protein (Q01)

Catalog #   H00010093-Q01   Size   10 ug, 25 ug

Applications

Specification

Product Description	Human ARPC4 partial ORF (NP_005709, 1 a.a. - 110 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MTATLRPYLSAVRATLQAALCLENFSSQVVERHNKPEVEVRSSKELLLQPVTISRNEKEKVLIEGSINSVRVSIAVKQADEIEKILCHKFMRFTMMRAENFFILRRKPVE
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	37.84
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_005718
Protein Accession#	NP_005709
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