

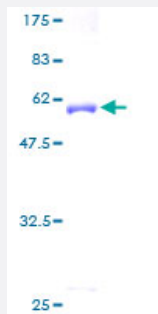
Full-Length

ARPC2 (Human) Recombinant Protein (P01)

Catalog # H00010109-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human ARPC2 full-length ORF (AAH00590, 1 a.a. - 300 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MILLEVNNRHIEETLALKFENAAAGNKPEAVEVTFADFDGVL YHISNPNGDKTKVMVSISLKFYKELQ
AHGADELLKRVYGSFLVNPESGYNVSLLYDLENLPASKDSMHQAGMLKRNCFASVFEKYFQFQE
EGKEGENRAVIHYRDEETMYVESKKDRVTVVSTVFKDDDDVVIGKVF MQEFKEGRRASHTAPQ
VLFSHREPPLELKDTDAAVGDNIGYITFVLFP RHTNASARDNTINLIHTFRDYLHYHIKCSKAYIHTRM
RAKTSDFLKV LNRARPDAEKKEMKTITGKTFSSR

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

58.74

Interspecies Antigen Sequence

Mouse (99); Rat (99)

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 — ARPC2

Entrez GeneID[10109](#)**GeneBank Accession#**[BC000590](#)**Protein Accession#**[AAH00590](#)**Gene Name**

ARPC2

Gene Alias

ARC34, PNAS-139, PRO2446, p34-Arc

Gene Description

actin related protein 2/3 complex, subunit 2, 34kDa

Omim ID[604224](#)**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 p34 subunit, has yet to be determined. Two alternatively spliced variants have been characterized to date. Additional alternatively spliced variants have been described but their full length nature has not been determined. [provided by RefSeq]

Other Designations

ARP2/3 protein complex subunit 34|OTTHUMP00000164144|actin related protein 2/3 complex subunit 2|actin related protein 2/3 complex, subunit 2 (34 kD)

Pathway

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

Disease

- [Colitis](#)
- [Genetic Predisposition to Disease](#)