

# Recombinant Full Length Human ARPC2 Protein, GST-tagged

**Cat. No.** ARPC2-1105HF    **Lot. No.** (See product label)

## SPECIFICATION

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

**Species**                      Human

**Source**                        In Vitro Cell Free System

**Protein Length**            300 amino acids

**Description**                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, Jul 2008]

**Molecular Mass**            58.74 kDa

**AA Sequence**                MILLEVNNRI IEETLALKFE NAAAGNKPEA VEVTFADFDG VLYHISNPNG  
DKTKVMVSIS LKFYKELQAH GADELLKRVY GSFLVNPESG YNVSLLYDLE  
NLPASKDSIV HQAGMLKRNC FASVFEKYFQ FQEEGKEGEN RAVIHYRDDE  
TMYVESKKDR VTVVFSTVFK DDDDVVIGKV FMQEFKEGRR ASHTAPQVLF  
SHREPPLELK DTDAAVGDNI GYITFVLFPR HTNASARDNT INLIHTFRDY  
LHYHIKCSKA YIHTRMRAKT SDFLKVLNRA RPDAEKKEMK TITGKTFSSR

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<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein); Antibody Production; Protein Array
<b>Storage</b>	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	ARPC2 actin related protein 2/3 complex, subunit 2, 34kDa [ Homo sapiens ]
<b>Official Symbol</b>	ARPC2
<b>Synonyms</b>	ARPC2; actin related protein 2/3 complex, subunit 2, 34kDa; actin related protein 2/3 complex, subunit 2 (34 kD); actin-related protein 2/3 complex subunit 2; ARC34; p34 Arc; arp2/3 complex 34 kDa subunit; ARP2/3 protein complex subunit 34; PRO2446; p34-Arc; PNAS-139
<b>Gene ID</b>	10109
<b>mRNA Refseq</b>	NM_005731
<b>Protein Refseq</b>	NP_005722
<b>MIM</b>	604224
<b>UniProt ID</b>	O15144

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