

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
ProteinLength	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 GYITFVLFP HTNASARDNT INLIHTFRDY LHYHIKCSKA YIHTRMRAKT SDFLKVLNRA RPDAEKKEMK TITGKTFSSR

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