

Recombinant Human ARPC2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. ARPC2-702H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	ARPC2 MS Standard C13 and N15-labeled recombinant protein (NP_005722) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	34.3 kDa
AA Sequence	MILLEVNNRIIEETLALKFENAAAGNKPEAVEVTFADFDGVLYHISNPNGDKTKVMVSI SLKFYKELQAHGADELLKRVGSLVNPESGYNVSLLYDLENLPASKDSIVHQAGML KRNCFASVFKEYFQFQEEGKEGENRAVIHYRDEETMYVESKKDRVTVVFSTVFKDD DDVVIGKVFMEFKEGRRASHTAPQVLFSHREPPLELKDTDAAVGDNIGYITFVLFP RHTNASARDNTINLIHTFRDYLHYHIKCSKAYIHTRMRAKTSDFLKVLNRARPDAEKK EMKTITGKTFSRTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

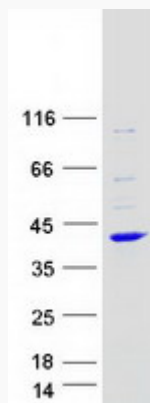
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Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.
GENE INFORMATION	
Gene Name	ARPC2 actin related protein 2/3 complex subunit 2 [Homo sapiens (human)]
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

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SDS-PAGE

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