Recombinant Human ARPC2, His-tagged

Cat. No. ARPC2-850H **Lot. No.** (See product label)

SPECIFICATION

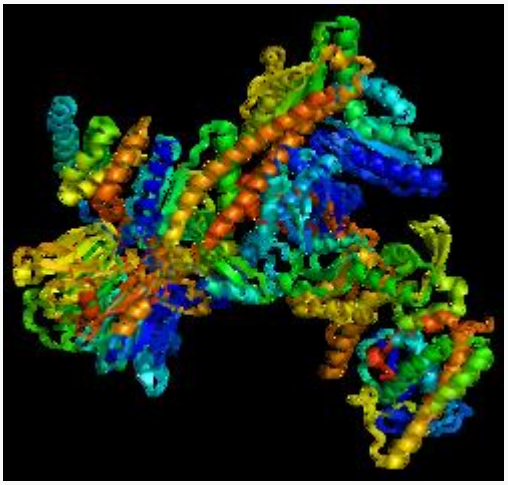
Product Overview	Recombinant Human ARPC2 (1-233 aa) is expressed in E.Coli with a His tag at N-terminus.
Species	Human
Source	E.coli
ProteinLength	1-233 a.a.
Description	This gene encodes one of seven subunits of the human Arp2/3 protein complex. The Arp2/3 protein complex has been implicated in the 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.
MW	27245 Da.
Purity	95%.
Formulation	10 mM Tris. pH 8.0. 0.1% Triton X-100.0.002% NaN3. 10mM DTT.
Application	MS. SDS.

GENE INFORMATION

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Gene Name	ARPC2 actin related protein 2/3 complex, subunit 2, 34kDa [Homo sapiens]
Synonyms	ARPC2; actin related protein 2/3 complex, subunit 2, 34kDa; PRO2446, ARC34, PNAS-139, p34-Arc; ARP2/3 protein complex subunit 34; actin-related protein 2/3 complex subunit 2; arp2/3 complex 34 kDa subunit
Gene ID	10109
mRNA Refseq	NM_005731
Protein Refseq	NP_005722
MIM	604224
UniProt ID	O15144
Chromosome Location	2q36.1
Pathway	Bacterial invasion of epithelial cells; Fc gamma R-mediated phagocytosis; Pathogenic Escherichia coli infection; Regulation of actin cytoskeleton; Shigellosis
Function	actin binding; protein binding; structural constituent of cytoskeleton

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