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Product datasheet for AR50834PU-N

ARPC2 / ARC34 (1-300, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	ARPC2 / ARC34 (1-300, His-tag) human recombinant protein, 0.1 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSMILLEVN NRIIEETLAL KFENAAAGNK PEAVEVTFAD FDGVLYHISN PNGDKTKVMV SISLKFYKEL QAHGADELLK RVYGSFLVNP ESGYNVSLLY DLENLPASKD SIVHQAGMLK RNCFASVFEK YFQFQEEGKE GENRAVIHYR DDETMYVESK KDRVTVVFST VFKDDDDVVI GKVFMQEFKE GRRASHTAPQ VLFSHREPPL ELKDTDAAVG DNIGYITFVL FPRHTNASAR DNTINLIHTF RDYLHYHIKC SKAYIHTRMR AKTSDFLKVL NRARPDAEKK EMKTITGKTF SSR
Tag:	His-tag
Predicted MW:	36.7 kDa
Concentration:	lot specific
Purity:	>90% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 50% glycerol, 1 mM DTT
Preparation:	Liquid purified protein
Protein Description:	Recombinant human ARPC2L protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_005722
Locus ID:	10109
UniProt ID:	O15144, Q53R19
Cytogenetics:	2q35

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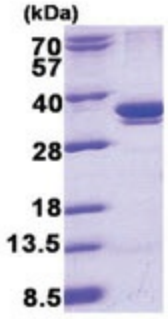
Synonyms: ARC34; p34-Arc; PNAS-139; PRO2446

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, Jul 2008]

Protein Pathways: Fc gamma R-mediated phagocytosis, Pathogenic Escherichia coli infection, Regulation of actin cytoskeleton

Product images:



15% SDS-PAGE (3ug)