

Product information



ARPC2, 1-300aa

Human, His-tagged, Recombinant, *E.coli*

Cat. No. IBATGP2010

Full name: Actin-related protein 2/3 complex subunit 2

NCBI Accession No.: NP_005722

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

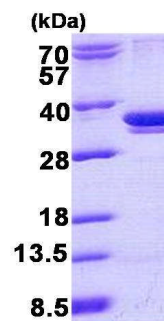
Description: Actin-related protein 2/3 complex subunit 2, also known as ARPC2, belongs to the Rho family of small GTPases. This protein is one of seven subunits of the human Arp2/3 protein complex. The Arp2/3 protein complex has been implicated in the control of actin polymerization in cells and has been conserved through evolution. The exact role of the protein, the p34 subunit, has yet to be determined. Recombinant human ARPC2L protein, fused to His-tag at N-terminus, was expressed in *E.coli* and purified by using conventional chromatography techniques.

Form: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl,
50% glycerol, 1mM DTT

Molecular Weight: 36.7 kDa (323aa) confirmed by MALDI-TOF

Purity: > 90% by SDS - PAGE

Concentration: 0.25 mg/ml (determined by Bradford assay)



15% SDS-PAGE (3ug)

Sequences of amino acids:

MGSSHHHHHH SSGLVPRGSH MGSMILLEVN NRILEETLAL KFENAAAGNK PEAVEVTFAD FDGVLYHISN PNGDKTKVMV SISLKFYKEL
QAHGAEDELLK RYVGSFLVNP ESGYNVSLLY DLENLPASKD SIVHQAGMLK RNCFASVFEK YFQFQEEGKE GENRAVIHYR DDETMVYESK
KDRVTVFST VFKDDDDVVI GKVFMQEFKE GRRASHTAPQ VLFSSHREPL ELKDTDAAVG DNIGYITFVL FPRHTNASAR DNTINLIHTF
RDYLHYHIKC SKAYIHTMRM AKTSDFLKVL NRARPDAEKK EMKTI TGKTF SSR

General references:

Mullins R D., *et al.* (1998) *Proc Natl Acad Sci USA*. 95:6181-6186.

Sytkina T M., *et al.* (1999) *J Cell Biol*. 145:1009-1026.

Storage: Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C.
Avoid repeated freezing and thawing cycles.

For research use only. This product is not intended or approved for human, diagnostics or veterinary use.



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