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ARPC2, 1-300aa, Human, His tag, E.coli

产品货号: TP01232

第三版

**别名:** Actin-related protein 2/3 complex subunit 2, ARC34, p34-Arc, PNAS-139, PRO2446

**描述:** 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.

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

**分子量:** 36.7 kDa (323aa) confirmed by MALDI-TOF

**序列:**

MGSSHHHHHSSGLVPRGSHMGSMILLEVNNRIIEETLALKFENAAAGNKPEAVEVTFADFDGVLYHISNPNGDKTKVM  
VSISLKFYKELQAHGADELLKRVYGSFLVNPESGYNVSLLYDLENLPASKDSIVHQAGMLKRNCASFVFEKYFQFQEEGKEG  
ENRAVIHYRDEETMYVESKKDRVTVVVFSTVFKDDDDVIGKVFMQEFKEGRRASHTAPQVLFSSHREPPLELKDTDAAVG  
DNIGYITFVLFPRHTNASARDNTINLIHTFRDYLYHYHIKCSKAYIHTRMRAKTSDFLKVLRARPDAEKKEMKTITGKTFSS  
R

**纯度:** > 95% by HPLC

**浓度:** 0.25 mg/ml (determined by Bradford assay)

**内毒素:** <1.0 EU per 1 ug of protein (determined by LAL method)

**存储:** +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.