

## Actin Related Protein 2/3 Complex, Subunit 2 Human Recombinant

<b>Item Number</b>	rAP-2721
<b>Synonyms</b>	ARC34, p34-Arc, PNAS-139, PRO2446, Actin-related protein 2/3 complex subunit 2, Arp2/3 complex 34 kDa subuni, ARPC2.
<b>Description</b>	ARPC2 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 323 amino acids (1-300a.a) and having a molecular mass of 36.7kDa. ARPC2 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
<b>Uniprot Accesion Number</b>	O15144
<b>Amino Acid Sequence</b>	MGSSHHHHH SSGLVPRGSH MGSMILLEVN NRIIEETLAL KFENAAAGNK PEAVEVTFAD FDGVLVHISN PNGDKTKVMV SISLKFYKEL QAHGADELLK RVYGSFLVNP ESGYNVSLLY DLENLPASKD SIVHQAGMLK RNCFASVFEK YFQFQEEGKE GENRAVIHYR DDETMVYESK KDRVTVFST VFKDDDDVVI GKVFMQEFKE GRRASHTAPQ VLFSSHREPPL ELKDTDAAVG DNIGYITFVL FPRHTNASAR DNTINLIHTF RDYLHYHIKC SKAYIHTRMR AKTSDFLKVL NRARPDAEKK EMKTITGKTF SSR.
<b>Source</b>	E.coli.
<b>Physical Appearance and Stability</b>	Sterile Filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
<b>Formulation and Purity</b>	ARPC2 protein solution (0.25mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 50% glycerol and 1mM DTT. Greater than 90% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**