

ARPC2 Human

Description: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.

Catalog #:PRPS-1425

For research use only.

Synonyms:ARC34, p34-Arc, PNAS-139, PRO2446, Actin-related protein 2/3 complex subunit 2, Arp2/3 complex 34 kDa subunit, ARPC2.

Source:E.coli.

Physical Appearance:Sterile Filtered colorless solution.

Amino Acid Sequence:MGSSHHHHHH SSGLVPRGSH MGSMILLEVN NRIIEETLAL
KFENAAAGNK PEAVEVTFAD FDGVLHYISN PNGDKTKVMV SISLKIFYKEL QAAGADELLK
RVYGSFLVNP ESGYINVSLLY DLENLPASKD SIVHQAGMLK RNCFASVFEK YFQFQEEGKE
GENRAVIHYR DDETMVYESK KDRVTVVFST VFKDDDDVVI GKVFMQEFKE GRRASHTAPQ
VLFSHREPPL EL

Purity:Greater than 90% as determined by SDS-PAGE.

Formulation:

ARPC2 protein solution (0.25mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 50% glycerol and 1mM DTT.

Stability:

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.

Usage:

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

Introduction:

Actin-related protein 2/3 complex subunit 2 (ARPC2), is a part of the Rho family of small GTPases and 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. Nevertheless, the exact role of the protein (the p34 subunit) has yet to be determined.

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