

Product datasheet for **RC224478**

ARPC4 (NM_005718) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ARPC4 (NM_005718) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	ARPC4
Synonyms:	ARC20; P20-ARC
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC224478 representing NM_005718 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGACTGCCACTCTCGCCCTACCTGAGTGCCGTGCGGGCCACATTGCAGGCTGCCCTCTGCCTGGAGA
ACTTCTCCTCCCAGGTTGTGGAACGACACAACAAGCCGGAAGTGGAAAGTCAGGAGTAGCAAAGAGCTCCT
GTTACAACCTGTGACCATCAGCAGGAATGAGAAGGAAAAGTTCTGATTGAGGGCTCCATCAACTCTGTC
CGGGTCAGCATTGCTGTGAAACAGGCTGATGAGATCGAGAAGATTTTGTGCCACAAGTTCATCGCCTTCA
TGATGATGCGAGCAGAGAACTTCTTTATCCTTCGAAGGAAGCCTGTGGAGGGGTATGATATCAGCTTCT
GATCACCAACTTCCACACAGAGCAGATGTACAAACACAAGTTGGTGGACTTTGTGATCCACTTCATGGAG
GAGATTGACAAGGAGATCAGTGAGATGAAGCTGTAGTCAATGCCGTGCCCGCATTGTGGCTGAAGAGT
TCCTTAAGAATTTT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC224478 representing NM_005718 Red=Cloning site Green=Tags(s)
-------------------	--

MTATLRPYLSAVRATLQAALCLENFSSQVVERHNKPEVEVRSSKELLQPVTVISRNEKEKVLIEGSINSV
RVSIQVQADEIEKILCHKFMRFMMAENFFILRRKPVEGYDISFLITNFHTEQMYKHKLVDFVIHFME
EIDKEISEMKLSVNARARIVAEFLKNF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms:	https://cdn.origene.com/chromatograms/mk6123_b10.zip
----------------	---



[View online »](#)

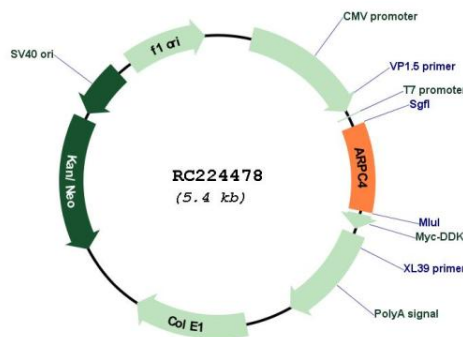
Cytogenetics: 3p25.3

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

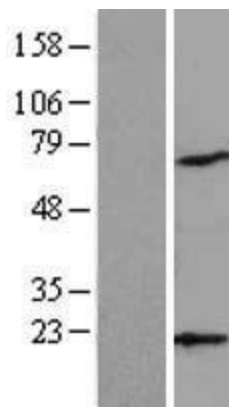
MW: 19.5 kDa

Gene Summary: This gene encodes one of seven subunits of the human Arp2/3 protein complex. This complex controls actin polymerization in cells and has been conserved throughout eukaryotic evolution. This gene encodes the p20 subunit, which is necessary for actin nucleation and high-affinity binding to F-actin. Alternative splicing results in multiple transcript variants. Naturally occurring read-through transcription exists between this gene and the downstream tubulin tyrosine ligase-like family, member 3 (TTLL3), which results in the production of a fusion protein. [provided by RefSeq, Nov 2010]

Product images:



Circular map for RC224478



Western blot validation of overexpression lysate (Cat# [LY401744]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC224478 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).