

Product datasheet for **RN203485**

Arpc5l (NM_001037767) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Arpc5l (NM_001037767) Rat Untagged Clone
Tag: Tag Free
Symbol: Arpc5l
Synonyms: MGC112865
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN203485 representing NM_001037767
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGCCCCGAACACACTGTCCTCAGCTTCGCGCCGAGTGGATATCGACGAATTTGACGAGAACAAATTCG
TAGACGAGCACGAAGAGGCGGCGCGGCGTCCGGCGAGCCAGGCCCGACCCCTGCGAGGTAGACGGGCT
CCTGCGCAAGGGGACATGCTTCGGGCATTCCATGCAGCCTTGCGGAACCTCCAATCAACACCAAGAAT
CAAGCTGTGAAGGAACGAGCCCAGGGTATAGTCCTGAAAGTACTACAAACTTCAAGAGCAGCGAGATTG
AGCAGGCTGTGCAGTCACTGGACAGGAATGGCATTGACTTGCTAATGAAGTACATTTATAAAGGGTTTGA
GAAGCCCACAGAAAATAGCAGTGCAGTGTACTCCAGTGGCATGAAAAGGCTTTAGCTGTTGGAGGACTA
GGCTCCATTATAAGAGTTCTTACAGCAAGAAAGACTGTT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001037767
Insert Size: 462 bp
OTI Disclaimer:

Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).



Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>NM_001037767.2, NP_001032856.2</u>
RefSeq Size:	1291 bp
RefSeq ORF:	462 bp
Locus ID:	296710
UniProt ID:	<u>A1L108</u>
Cytogenetics:	3q12
Gene Summary:	May function as component of the Arp2/3 complex which is involved in regulation of actin polymerization and together with an activating nucleation-promoting factor (NPF) mediates the formation of branched actin networks.[UniProtKB/Swiss-Prot Function]