

## Product datasheet for **RR205319**

### Arf6 (NM\_024152) Rat Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Arf6 (NM\_024152) Rat Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** Arf6  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**ORF Nucleotide Sequence:** >RR205319 representing NM\_024152  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCCCGATCGCC

ATGGGGAAGGTGCTATCCAAGATCTTCGGGAACAAGGAAATGCGGATCCTCATGCTGGGCCTGGACGCAG  
CCGGCAAGACAACGATCCTGTACAAGTTGAAGCTGGGCCAGTCTGTGACCACCATTCCCACGGTGGGTTT  
CAACGTGGAGACGGTGACTTACAAAAACGTCAAGTTCAACGTGTGGGATGTGGCGGCCAGGACAAGATC  
CGGCCGCTCTGGCGGCATTACTACACCGGGACCCAGGGTCTGATCTTCGTGGTAGACTGCGCCGACCGCG  
ACCGCATCGATGAGGCCCGCCAGGAGCTGCACCGCATTATCAATGACCGGAGATGAGGGACGCCATAAT  
CCTCATCTTCGCCAACAAGCAGGACCTGCCTGATGCCATGAAACCCCATGAGATCCAGGAGAAAAGTGGG  
CTGACCCGGATTGCGGACAGGAAGTGGTATGTGCAGCCCTCCTGTGCCACCTCCGGGACGGACTCTATG  
AGGGGCTCACATGGTTAACCTCTAACTACAAATCC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >RR205319 representing NM\_024152  
Red=Cloning site Green=Tags(s)

MGKVLKIFGNKEMRILMLGLDAAGKTTILYKLLKLGQSVTTIPTVGFNVETVYKLVKFNVWDVGGQDKI  
RPLWRHYTGTQGLIFVVDCAADRDRIDEARQELHRIINDREMRDAIILIFANKQDLPDAMPHEIQEKLK  
LTRIRDRNWWYVQPCATSGDGLYEGLTWLTSNYKS

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

**Restriction Sites:** SgfI-MluI



[View online »](#)



<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_024152.2</a></u> , <u><a href="#">NP_077066.1</a></u>
<b>RefSeq Size:</b>	1172 bp
<b>RefSeq ORF:</b>	528 bp
<b>Locus ID:</b>	79121
<b>UniProt ID:</b>	<u><a href="#">P62332</a></u>
<b>Cytogenetics:</b>	6q24
<b>MW:</b>	20.1 kDa
<b>Gene Summary:</b>	binds phospholipase D1b and increases PLD1b activity; may regulate rearrangement of the actin cytoskeleton [RGD, Feb 2006]