

## Product datasheet for **RN200663**

### Akr1c19 (NM\_001100576) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Akr1c19 (NM_001100576) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Akr1c19
Synonyms:	RGD1562954
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN200663 representing NM_001100576 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGAGTCCAAACAGCAACTTGTAAAAGTGAACGATGGCCACTTCATTCTGCATTGGGCTTTGGCACCT  
ATAAACCGGAAGAGGTTCTGAAAATAAACCACTGGAGGCTATCCATTTAGCTGTAGAGGCTGGGTTCCG  
CCATATTGATACTGCCTATGTGTACAAACTGAAAACCATGTAGGGCAGGCTATTTAAAGCAAGATTGCA  
GCTGGCATTGTGAAAAGAGAAGACATATTCATCACTACAAAGCTTTGGTGCATTTCCATAGACCAGAGA  
TGTTTCTATCTAGCTTGAAAAATCATTGAAAAACCTCCAGCTGGATTATGTTGACCTCTATATTATACA  
TTATCCAATGCAATGAAGTCGGGGGAAGATATGTTTCCAGAAGATGAGAATGGGAAAACATTATTTGAC  
ACAGTGGATCTCTGTGCCACATGGGAGGCCATGGAAAAGTGAAGGATGCGGGATTGGCCAAGTCCATTG  
GGGTGTCCAACCTTAACCGCAGGCAGCTGGAGAAAATTCTGAATAAGCCAGGCCTCAAATACAAGCCTGT  
GTGCAACCAGGTGGAATGCCATCTACCTGAACCAGAGCAAGCTGTTGAACTACTGTAAGTCAAGGGAC  
ATTGTTCTAGTTGCCTACTGTGCTCTTGGATCTCAACGACCTAAACGATGGGTAGACCCAAGCTCCCCAG  
TTCTCTGAATGATCCAGTTCTTTGTGATGTGGCAAAAAAGCACCAGCGAAGCTCTGCTCAGATTGCCCT  
TCGCTACCAACTCAACGTGGAATGTCGTTCTTGCCAGAGTTACAAAGAGAATGAGATAAAAGAGAAC  
ATACAGGTGTTGAATTTGAGCTGCCTCAGAAGATATGAAAATCCTAGATAGCCTGGACAGAAATTTAA  
GATATGCACCTGCTCATTGGCCAGGGACCCCGGAATATCCCTTTTCTGATGAATTT**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_001100576



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<b>Insert Size:</b>	972 bp
<b>OTI Disclaimer:</b>	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).
<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_001100576.1</a></u> , <u><a href="#">NP_001094046.1</a></u>
<b>RefSeq Size:</b>	1355 bp
<b>RefSeq ORF:</b>	972 bp
<b>Locus ID:</b>	307096
<b>Cytogenetics:</b>	17q12.2