

## Product datasheet for MC205943

### 9430067K14Rik (BC063098) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	9430067K14Rik (BC063098) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	9430067K14Rik
Synonyms:	9430067K14Rik; A230102O09Rik; AI449570; DAPR; Plekhm11
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)

#### Fully Sequenced ORF:

>BC063098  
 CTGGAACCTGTGTAATCGGATCCTGTTGCCGGGCTGCCGCGGGGAAGCTTTTGGCGTGGGACCGCGAG  
 AAGCCGTTGTAACAGAGCCGGCCGGGATGGTCGGCAGCTGGAGCGCAGTCGCTGGCGGAACTGAGG  
 ATTGGCCATACATTGCTTTGGCAAACACCGCCCGCTGTCTTCCCTGAGATCTCTAAGAACAAGGC  
 CCGTGCTCCTGTGCTTAGCCTTCTCTAGGCAGCCAGATGAAGATTGCTTCTCTTTTTCACAGTTGTA  
 TTGCTGAACACCTCTCTGTTGGCTGAGTGTTGATGACACCTTCTCTGAAGCAGGTTAGAAGCTTGG  
 ACCCTGTGTCATGGAAGCTTTGGAAGTAGATGACATCAGCCCCGCTTAGAGGTTACTGAGGATTTCTTT  
 AGTACTTTTACAGTAAGCTGGAAGGCTGTCCAACAAGCAGAGGTTTACGGGATCCAAGAAGTCCCTG  
 AACTGGTGGGCGATGAGGTAAGTAACTAGCAGATAATGGTCTTTAAGAAGCGTTGCTTCCCTGGG  
 CAAGGGGACAATGATTTGGGACCACTGTAAGAGCAGGCTTTTAGAACCAGGCTCAAAATGCTTCCCT  
 GCCAAAGAACAGCTTATGGTCCAGAGAGGGACAGCCCCAGATAATCTTCTGGATGGCAGAAAAGGAAG  
 CGTCAACCTTCAATTTTTCAACATCTGTGAGCGTCGGAGGGACAGACCTCGTTCTGTGAATGACTTATT  
 GGATGAGACCACAACCTTCAAGCCAGGCCATGCTCGGTCAAGGTCGGATGTTACCCAGTACTGAGCGG  
 GTAGTCTTAGCACCATGCCTTTGCAGCAGCAGCAGCAGCAGCAGGCGTCCCTTCAAGGCATCACT  
 TTCCCGGGCCATCTTTCTGTTGTCTTACCCAGCAAGGTTGAAGATGCTCAAGGAAATACAGAACAA  
 GCAGACATTCCAAACATCCTGAAGAAGGTTATCTGGAGATCAGGAAGAACCATGACAGTTACTGGCAG  
 AGCTGTTATGCAGAACTCTCACCTACAACCTTAACTTCTACAGCCTTGATAGCAGTGGCAATCAAAAC  
 TGTATGCCACATACCAGCTTTCCCACTTCCAGAGCATCTCTGTTTAGGCAATCTTGAAGCTAGGATGGT  
 AGACACTGTTCTCTATGACAATCTCAACTGCAGCTAAAGCGCAGAGTCTCCATGGGAGGCATTGGACTGG  
 GGCAGAAAGCTCTGGGAAGTCGTGCATGCTGTACCCAATTACATGGGACGGCAGGGTGAAGTGGCAA  
 ACTCTCCAGGACTCATCCATCATGGTACTGTGCACAGAACCCTGTTTACAGAAGAAATCCAGTGGGCT  
 GCTGGCCTCCCCTGTCTTGGATAGCCCCAACAGTACCAAAATATCCTCAATCAGGGACTCTACAGA  
 CTGACTGTCCAAAACAACTGGAAGGCCTTTACATTTGTGCTGAGCAAGGCCTATCTTATGGCTTTCCACC  
 CCGGCAAGCTAGACGAAGATCCCCTGTTGAGCTACAATGTGGATGTGTGCTGGCTGTGCAGATAGACAA  
 CCTGGATGGTTGTGACTTGTCTTTCAAGTCATTTTTCCCGAGGATGCTCCGCTCCGGGCTGAGACC  
 CGACAGAGGGCTCAGGAATGGATGGAGGCTCTGAAGACAGCAGCAACGCTGCAAGGAGTCTGAGCAA  
 ACCTGCAAGTCACACTGCGGAACAAGCCCAAGGATCAGCTAGATGCGCGGAGCTGCGGAAGAACAACG



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CCAGTCTGTGACCACCAGCTTCCTGAGCATCTGACCACGCTGTCTTTGGAGCGAGGACTCACTGCTCAG  
AGTTTTCAATGTGCAGGGTGCCAGCGATCTATTGGTCTCTAACGGAAAGGCCAAGGTGTGCAATTATA  
GCGGGTGGTACTACTGCAGCAGCTGCCATGTGGACGACAGCTTTCTCATCCCAGCACGCATAGTTCACAA  
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TTCGACAGCGGTTGAAGTCACTCCGGGCCATTTGTTCCAGCTGCCGGGACAGCAGTGGCGGAGGATCTGGC  
CCGCAGAATTTCCCCAGAGAATATCTCCTTCAACAGATCCACCTGTACTCTCTCGCTGACCTGCAGCAG  
GTGATAGAGGAAAGCTGGCTCCATTCTGGGAAAGGTCATTAATTCGCCACCGCGCATGTCTACAGCT  
GCACTCTGTAGCCAGAAAGGGTTCATCTGTGAGATCTGTAACAACGGCGAGATCCTTACCCTTCGA  
GGACATTTCAACAAGCAGATGTGAAAGCTGTGGAGCTGTCTTCCATTCTGAGTGCAAAGAAAAGTGTGTC  
CCCTGCCACGGTGTGTCCGACGGGAAGTGCAGAAAGAAGCAGAAGTCTTCTGGCGGACGCTGAACGTGG  
ACGAGAGCTGGAGGAGGCATGCGCCATGTTGAGCTGTCTACCAAAGCACCTGACTGTAGGCCAGGAT  
GCACTCTCCACCGCCCAAGGGGCTGCCCGTCCCATGCAGATGAGGCTGTTCTTCTTCCAGTAGATGTA  
GATAGATAAGTTATTTATTTATATTATACACCTATACGTCCTGTACGTATGATGCTTTGTATAACTCA  
TTGTCCAAGAAGTTCACAAAGATCTTGTGGATGAACTCCTACAGATAGCTGAGTTACCCTTGGCCATGAC  
ATTTGCTGCTTGCTCCAGCAAATGTGATTGACACACATTTGCTCTGTAGTTCCAGACCCCTTCATACACAC  
TGGCTCTCAGGGCCAGTTGACTGCACAAGTATTGGAGGAAACACCTCTCACAGCAAAGCTTTGCATTGCT  
ACTGACATTTAGCCTTTGCTGGGAAAAGTGAAGTGAAGCCATTGTCTCTCACAAGGACATCCCTA  
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CCACATAGCAGAAAGCGAGAGGCCCTTCTTCAACAGAGAGCATCAGGAACTGAGCTGCGTTGGGTGTG  
AACTCAGTCCCTGAGAGAGAGTACAGAAAGCGAGGACCTCAGTGGCCAGTCACTTTCATGTCGTTGTCTGT  
TGGCTGGTACGAAGCCAGCACCTTCTGATGATCAGAGTCTACAATGCCTGCCAGAGAGTGCACATGGG  
TGCCCTAAGAACAGTTCGAAGCGTGAATGGAGGACACTGGTCATGTTTTTTCACGGTGTGCCACAGGAGG  
AAGTGTCCCAGGATTGCACTCAAGCGCATCAGTGCATAGTCTGCTAGGTAGAGTTTACTGCACGCATCTT  
GGAGGACCGGATGTTTCTTCCCCAGAGCCCTCCATCGGCAGGACCCACCTGTCGTTTGAATGTTTTATT  
TCTCCTTGTCTTACAGCACTTTTACCTTTATTTCAGTCCGCGTAACTACTCTTCTTATTCCACGT  
CTGTGATTCTGTGGGAGCACCAGGATTTCAAAGACCAAGTCACTTCCACTTCAGACCCCTGTTGGATTTT  
TCAACGGCAACTGCAGATGCATAGAGAATGTAAGAGTGGTAAACCTCTTCCACAGTGTGAGCTCAG  
ACAGACCCGATTGCTGGAACATCCAGAGTTTTCTCCTGATAGAAGAGTCCAGAGTATCTCCCAAGAGG  
TGATCTCGGCCCGCTCAGGGAATACCAACTGCAACCCCTCTTGTCTCCAACTCCCTGGGAAGCAAGGGG  
CAAGGGTAAGAACAAGCAAGAATAGACTTGGCCCTTCCAGTCTCTCCTGTAGCCTCTCAAAGCAGCA  
TCATTAGAAACTATATTCTTTTGTGTTGTTGTTTGTGTTTGTGTTTGTGTTTGTGTTTGTGTTTGTGTTT  
TTCTCTGTGTAGCTCTGGCTGTCCTGGAACACTCTGTGATCAGGCTGGCCTCGAACTCAGAAATCCA  
CCTGCCTCTGCCTCCCAAGTGTGGGATTAAGGGCTGCGCCACCACTGCCAGCTAGAACTATATTCT  
TTATCATGAAAATAAAAAGGTTTACATTTCTTTCAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA  
AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

**Restriction Sites:**

RsrII-NotI

**ACCN:**

BC063098

**Insert Size:**

2928 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:**

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:** [BC063098](#)

**RefSeq Size:** 4297 bp

**RefSeq ORF:** 2928 bp

**Locus ID:** 241075

**Cytogenetics:** 1 C2

**Gene Summary:** Involved in skeletal muscle differentiation (PubMed:19028694). May act as a scaffold protein for AKT1 during muscle differentiation (PubMed:19028694).[UniProtKB/Swiss-Prot Function]