

Product datasheet for MC211106

Akr1cl (NM_027582) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Akr1cl (NM_027582) Mouse Untagged Clone
Tag: Tag Free
Symbol: Akr1cl
Synonyms: 4921521F21Rik; AI451536; AI503553
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC211106 representing NM_027582
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAATCCCAAGCGCTACATGGAACCTAAGTGATGGCCACCACATTCCTGTGCTTGGCTTTGGAACCTTTG
 TCCAGGAGAGGTTTCCAAGAGTATGGTTGCAAAAAGCCACAAAATAGCTATAGATGCTGGATTCGGCCA
 TATTGACTCAGCTTATTTCTACCAAAATGAGGAGGAAGTAGGGCTGGCCATCCGAAGCAAGTTGCTGAT
 GGCACTGTGAGGAGAGAAGATATATTCTACACTTCAAAGCTTCCCTGCACATGTCATAGACCAGAGCTGG
 TCCAGCCTTGCTTGAACAATCCCTGAGAAAGCTTCAAGCTGGATTATGTTGATCTGTACCTTATTCACTG
 CCCAGTGTCCAAGCCAGGCAATGATCTTATCCAACAGATGAAAATGGGAAATATTATTTGACACA
 GTGGATCTCTGTGACACATGGGAGGCCATGGAGAAGTGAAGGATTCAGGGTTAGCCAAGTCCATTGGTG
 TGTCCAACCTTAACCGGAGGCAGCTGGAGATGATCCTGAACAAGCCAGGGCTCAGGTACAAGCCTGTGTG
 CAACCAGGTAGAGTGTCAACCTTATCTGAACCAGAGCAAGCTCCTGGACTACTGCAAGTCAAAGACATC
 GTTCTGGTTGCCTATGGTGCTCTTGGCAGCCAACGGTGAAGAAGTGGATAGAGGAGAATGCCCATATC
 TCTTGAAGACCAACTCTGTGCCATGGCGGAAAAGCACAAGCAAACCTCCGGCCCTAATTTCCCTCCG
 GTATCTGCTGCAGCGTGGGATTGTCAATTGTCACCAAGAGTTTCAATGAGAAGCGGATCAAGGAGAACCTG
 AAGGTCTTTGAGTTCACCTTCCAGCAGAGGACATGGCAGTTATAGATAGGCTGAACAGAAACTACCGAT
 ATGCTACTGCTGATTATTTCTGCTCACCCCAATTATCCATTTTGGATGAATAT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_027582
Insert Size: 969 bp



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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_027582.4</u> , <u>NP_081858.2</u>
RefSeq Size:	1376 bp
RefSeq ORF:	969 bp
Locus ID:	70861
Cytogenetics:	1 C2