

Product datasheet for **RN205801**

Akr1b8 (NM_173136) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Akr1b8 (NM_173136) Rat Untagged Clone
Tag: Tag Free
Symbol: Akr1b8
Synonyms: MGC91427
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN205801 representing NM_173136
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGCAACCTTCGTGGAGCTCAGTACCAAAGCCAAGATGCCATTGTGGGTCTGGGCACCTGGAAGTCTA
 TGCCAAACCAAGTCAAGGAAGCTGTGAAGGCAGCCATTGATGCTGGGTATCGACATATTGACTGTGCGTA
 TGCATATTGCAACGAGAATGAGGTGGGGGAAGCCATCCAAGAGAAGATCAAAGAGAAGGCTGTGAGGCGG
 GAGGACCTCTTCATTGTCAGCAAGTTGTGGCCACCTGCTTTGAGAAAAACTGCTAAAGGAAGCCTTTC
 AGAAGACCCTCACGGATCTCAAGCTGGACTACTTGGACCTCTATCTTATCCACTGGCCTCAGGGATTCA
 GGCAGGGAAGGAGTTATCCCAAAGATGAACAAGGCAACGTCCTCCCAAGTAAAACAACGTTTCTGGAA
 GCCTGGGAGGGCATGGAGGAAGTGGTGGACCAGGGGCTGGTGAAGCTCTGGGCGTCTCCAATTCAACC
 ACTTCCAGATCGAAAGGCTCCTGAACAAGCCTGGACTGAAACATAAGCCAGTGACCAACCAGGTCGAGTG
 CCACCTTACCTCACCCAGGAAAACTGATCCAGTACTGTCCTCAAGGGCATCGTGGTACAGCCTAC
 AGTCCCCTGGGCTCCCCAGACAGGCCTAGGGCCAAGCCAGATGACCCTTCACTATTACAGGACCCCAAGA
 TTAAGAGATTGCCCAAGCACAAAGAAAACACAGCCAGTTCTTATTCGGTCCACATCCAGAGGAA
 CGTGGTAGTGATCCCAAGTCTGTGACGCCAGCACGTATACAGGAGAACATTCAGGTCTTTGACTTCCAG
 TTGAGCGACCAGGAGATGGCCACTATCCTGAGCTTCAACAGAACTGGAGGGCCTGCCTGCTGCCTGAGA
 CAGTCAACATGGAAGAGTTCCCTATGACGCAGAGTACTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI
ACCN: NM_173136
Insert Size: 951 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:	NM_173136.1 , NP_775159.1
RefSeq Size:	993 bp
RefSeq ORF:	951 bp
Locus ID:	286921
Cytogenetics:	4q22
Gene Summary:	carcinogen-dependent tumor-associated protein [RGD, Feb 2006]