

Product datasheet for **MC217942**

Akr1c18 (BC034259) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Akr1c18 (BC034259) Mouse Untagged Clone
Tag: Tag Free
Symbol: Akr1c18
Synonyms: AW146047
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >BC034259
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGAATCCAAAATTCAGAAGATAGAATTAATGATGGTCACTCCATTCTGTCTCTGGGCTTTGGCACCT
ATGCAACTGAAGAGCATCTCAAGAAAAAGTCTATGGAGTCCACAAAATAGCTATAGATGTTGGGTTCTG
CCATATTGATTGTCTCACTTGTACCAGAATGAAGAAGAGATAGGCCAGGCCATTCTAAGCAAGATTGAA
GATGGCACTGTGAAAAGGGAAGATATATTCTATACTTCGAAGCTTTGGTCAACTCCCATCGTCCAGAGT
TGGTCAGACCCAGCTTGAAAAATCCCTGAGGAACTTAATTTGGACTATGTAGACCTCTATCTCATTCA
TTTCCCAGTGTCTCTGAAGGCCATGGAGAAGTGAAGGATGCAGGGCTGGCCAAGTCCATCGGGGTGTCT
AACTTTAACCGTAGACAAGTGGAGATGATCCTGAACAAGCCAGGGCTCAAGTACAAGCCTGTGTGCAACC
AGGTAGAATGCCATCTTTATCTCAACCAGAGCAAGCTGCTGGCCTACTGCAAGATGAATGACATTGTTCT
GGTTGCCTATGGTGCCCTGGGAAGTCAAGATAACAATACTGTATAAATGAGGATACCCAGTTCTCTTG
GATGATCCAGTTCTTTGTGCCATGGCAAAGAAGTACAAGCGGACTCCAGCCCTGATTGCCCTTCGCTACC
AGCTGGACCGTGGGATTGTGGCCCTAGCCAAGAGTTTCAATGAGGAGAGAATCAGAGAGAATCATGCAGGT
CTTTGATTTCCAATTGGCTTCAGATGACATGAAAATTTAGATGGCCTGGACAGAAATCTTCGGTACTTT
CCTGCTGATATGTTAAGGCTCACCCCTAACTTTCCATTCTTCGATGAATATTA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: BC034259
Insert Size: 894 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:	<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>BC034259</u> , <u>AAH34259</u>
RefSeq Size:	1117 bp
RefSeq ORF:	893 bp
Locus ID:	105349
Cytogenetics:	13 A1
Gene Summary:	Catalyzes the conversion of progesterone into 20-alpha-dihydroprogesterone (20 alpha-OHP). [UniProtKB/Swiss-Prot Function]