

Product datasheet for RN215350

Akr1c3 (NM_138510) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Akr1c3 (NM_138510) Rat Untagged Clone
 Tag: Tag Free
 Symbol: Akr1c3
 Synonyms: Akr1c18
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Cell Selection: Neomycin
 Fully Sequenced ORF: >RN215350 representing NM_138510
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAATCCAAAATTCAGAAGATGGAGTTAAACGATGGTCACTCCATCCCTGTACTGGGCTTTGGCACCT
 ATGCAACCGAAGAGAATCTCAGAAAAAGTCTATGGAGTCCACGAAAATAGCTATAGATGTTGGGTTCCG
 CCATATTGATTGTCTCACTTGTACCAGAATGAAGAAGAGATAGGTCAGGCCATTGTAAGCAAGATTGAA
 GATGGCACTGTGAAAAGGGAAGATATATTCTATACTTCAAAGCTTTGGTCAAATCCCATCGTCCAGAGT
 TGGTCAGACCCAGCTTGAAAAATCACTGAGGAACTTAATTTGGACTATGTAGACCTCTATCTCATTCA
 TTTCCCGGTATCTCTGAAGCCAGGGGATGAGCTTTTACCTCAAGATGAGCATGGAACTTAATACTTGAC
 ACAGTGGATCTCTGCGACACCTGGGAGGCCATGGAGAAGTGAAGGATGCAGGATTGGCCAAGTCCATCG
 GGGTGTCCAACCTTAACCGCAGGCAGCTGGAGAAGATCCTGAATAAGCCGGGGCTCAAGCACAGGCCTGT
 GTGCAACCAGGTAGAATGCCATCTTTATCTCAACCAGAGCAAGCTGCTCGCTTACTGCAAGATGAATGAC
 ATCGTTCTGGTTGCCTATGGTGCCCTGGAACTCAGAGATACAAACTGTATTAATGAAGATACCCAG
 TTCTCTGGATGATCCCATTCTTTGTACCATGGCAAAGAAGTACAAGCGGACTCCAGCCCTGATTGCCCT
 TCGCTACCAGCTGGAGCGTGGGATTGTGACCCTAGTCAAGAGTTTCAATGAGGAGAGAATCAGAGAGAAC
 CTGCAAGTCTTTGATTTCCAGTTGGCTTCAAGTACATGGAAATTTAGATAACCTGGACAGAAATCTTC
 GGTACTTCTCTGCTAATATGTTAAAGGCTCACCTAATCTTCCATTCTCTGATGAATACT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
 ACCN: NM_138510
 Insert Size: 972 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_138510.1 , NP_612519.1 |
| RefSeq Size: | 1215 bp |
| RefSeq ORF: | 972 bp |
| Locus ID: | 171516 |
| UniProt ID: | P51652 |
| Cytogenetics: | 17q12.2 |
| Gene Summary: | catalyses the convariant of progesterone into 20 alpha-dihydroprogesterone (20 alpha-OHP); activity is regulated by prolactin [RGD, Feb 2006] |