

Product datasheet for **SC203870**

AKR1C2 (NM_001354) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	AKR1C2 (NM_001354) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	AKR1C2
Synonyms:	AKR1C-pseudo; BABP; DD; DD-2; DD/BABP; DD2; DDH2; HAKRD; HBAB; MCDR2; SRXY8; TDD
ACCN:	NM_001354
Insert Size:	2000 bp



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Insert Sequence: >SC203870 3'UTR clone of NM_001354
 The sequence shown below is from the reference sequence of NM_001354. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CCTAATTATCCATTTTCTGATGAATATTAACATGGAGGGCATTGCATGAGGTCTGCCAGAAGGCCCTGC
GTGTGGATGTTGACACAGAGGATGGCTCTATGCTGGTACTGGACACATCGCCTCTGGTTAAATCTCTC
CTGCTTGGCGACTTCAGTAAGCTACAGCTAAGCCCATCGGCCGAAAAGAAAACAATAATTTTGTTTT
TCATTTTGAAAAAATTAATGCTCTCTCCTAAAGATTCTTACCTACTTTGGTCTCCATAACTTCTATG
TTTTCTCTCTTCTGACACACTAGTGCCCCAAATTGTGATTTGCCTATACGTTTAGGGCCGGGTTGG
AAGATGTTAAACAACCATTAAGATTCATTTCTGCAGTGGGAGTGGGTGGAGTTTACCCTCTGGGAAAG
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AGTCTAGAGGATGAGCGATATTGACTAGCAATTCATGGGCTCCCTCCAGCAGTGCAGGGTCAGAGTTT
CTGGAGCCTTGGGAGGAGGCATCCCTGTGAGGGGGGTTAGGGAGATGGGAGGGCACAGGAAAAGTGA
TTAGAAGTCAGGTATGGGAAGGCTAAATAGGACAGAGTCGAGTACATCTCTGCTTGGAAAAACATATCA
ACACCCTTTTTTTGATCATTATATCTTGTTCATAAAAAGAAAACCTTCCACATTGTTTTAACAAACCCC
ACAGCTGAGAGTCAGGCCTGAATCTTTGATGTGTGCCATTACAAACGTTGACCCATTGGTTTTGGT
GGGGCAGGACATCGAAGATATCATTGACTCATCACATCCCTGAATAGCTCATATTTAGAAAATATTC
TTAGATTGTA AAAATGTACTGTTTATATGCAATCTTTAAATGTTTTACTTTAAACAAGG
CATAGTTACAAGTATAAAACATAAATATCCCAAAGCCATTATGCATGGCACTCAAGATTA AATGGGAA
ATAATACATCTAATAAATCAAATGTTCCAAGACTTCAAATGTCTTTTGGAAACAGGCTATGTAAAACAG
CACACTGGTTTTCAAACCTTTGGTAAATTTAAGAAGAACTTTACAAAGGCATTTAATTCTTATACATAA
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CACTTTCTAACACATTTACTCTCCACTATTCGTA CTCTGGTAGCCATGTTAACCCCATCAGAGATTCCT
TCTCAAGCCATGTCTCAGAGCTGATAGGCATCCAGCAAGTTTTGCAGCTCACAATTTTTCTGTA AATT
ACTTATTTCTATAAAAATTGGAAGAGGCCATAAACTTTGGAGGGCCCTAGACCAATTTTTTGGATTATTTT
TGGTCTACTCTCATTCCGTTGATGATCTTAGATATTCTCTGCATTAATATCACCTTAGGCTGAGAAA
TCCACCAAAAAATATTTCTAGCTCAGCGTTTTCTCCTCAAATCTTCAATGGAAGATCATAATGTGA ACTC
TGCATCTCCATGTAAAGTTAATGAGCATTACACTTAGCATGTCTCAAAGAAATCTCATGTAAACCA
TGCCATCCTGTTCTACCTTAACTTTCTGAGTCTATGGAATGATAATTTACATCTCATAAACTTGACT
GATGTAAGTGTCAAGAAAAGATTGACATTTTGTAAAACCTTCGTAGCCAAGTGTGTAACGCCTAAGCAG
ACTTTTCATATTTCAAATCTCTATAGCACGTGTA ACTCTTTTTTCAAGATGTGAAATAATCATTAGGTCA
GTCATTTGTAATAGTACGGCTGCTGTGGGCTTTTTCCAGTCTTCCACCTCCATTTTTATAAACTC
ACGCGT AAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCACCGCCGCCTTCTATGAAAGG
  
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Restriction Sites: SgfI-MluI

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

Components: The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

RefSeq: [NM_001354.6](#)

Summary: This gene encodes a member of the aldo/keto reductase superfamily, which consists of more than 40 known enzymes and proteins. These enzymes catalyze the conversion of aldehydes and ketones to their corresponding alcohols using NADH and/or NADPH as cofactors. The enzymes display overlapping but distinct substrate specificity. This enzyme binds bile acid with high affinity, and shows minimal 3-alpha-hydroxysteroid dehydrogenase activity. This gene shares high sequence identity with three other gene members and is clustered with those three genes at chromosome 10p15-p14. Three transcript variants encoding two different isoforms have been found for this gene. [provided by RefSeq, Dec 2011]

Locus ID: 1646

MW: 76.6