

Product datasheet for **SC200844**

AKR1A1 (NM_006066) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: AKR1A1 (NM_006066) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: AKR1A1
Synonyms: ALDR1; ALR; ARM; DD3; HEL-S-6
ACCN: NM_006066
Insert Size: 123 bp
Insert Sequence: >SC200844 3'UTR clone of NM_006066
The sequence shown below is from the reference sequence of NM_006066. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon **Red**=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CCTCTGTACCCCTTTAATGACCCGTACTGAGACCACAGCTTCTTGGCCTCCCTTCCAGCTCTGCAGCTA
ATGAGGTCCTGCCACAACGGAAAGAGGGAGTTAATAAAGCCATTGGAGCATCCA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
```

Restriction Sites: Sgfl-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_006066.4](#)

Summary: This gene encodes a member of the aldo/keto reductase superfamily, which consists of more than 40 known enzymes and proteins. This member, also known as aldehyde reductase, is involved in the reduction of biogenic and xenobiotic aldehydes and is present in virtually every tissue. Multiple alternatively spliced transcript variants of this gene exist, all encoding the same protein. [provided by RefSeq, Jan 2011]



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Locus ID: 10327

MW: 4.8