

## Product datasheet for SC200974

### AKR1A1 (NM\_153326) Human 3' UTR Clone

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** AKR1A1 (NM\_153326) Human 3' UTR Clone  
**Symbol:** AKR1A1  
**Synonyms:** ALDR1; ALR; ARM; DD3; HEL-S-6  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pMirTarget (PS100062)  
**ACCN:** NM\_153326  
**Insert Size:** 123 bp  
**Insert Sequence:** >SC200974 3'UTR clone of NM\_153326  
 The sequence shown below is from the reference sequence of NM\_153326. The complete sequence of this clone may contain minor differences, such as SNPs.  
 Blue=Stop Codon Red=Cloning site

```

GGCAAGTTGGACGCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAACGATCGCC
CCTCTGTACCCCTTTAATGACCCGTACTGAGACCACAGCTTCTTGGCCTCCCTTCCAGCTCTGCAGCTA
ATGAGGTCCTGCCACAACGGAAGAGGGAGTTAATAAGCCATTGGAGCATCCA
ACGCGTAAGCGGCCGCGCATCTAGATTCTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTTGATTCCACCGCCGCTTCTATGAAAGG
  
```

**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\\_153326.3](#)


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**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]

**Locus ID:** 10327

**MW:** 4.8