

## Product datasheet for **SC200347**

### DCXR (NM\_016286) Human 3' UTR Clone

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** DCXR (NM\_016286) Human 3' UTR Clone  
**Vector:** pMirTarget (PS100062)  
**Symbol:** DCXR  
**Synonyms:** DCR; HCR2; HCR2I; KIDCR; P34H; PNTSU; SDR20C1; XR  
**ACCN:** NM\_016286  
**Insert Size:** 132 bp  
**Insert Sequence:** >SC200347 3'UTR clone of NM\_016286  
The sequence shown below is from the reference sequence of NM\_016286. The complete sequence of this clone may contain minor differences, such as SNPs.  
**Blue**=Stop Codon **Red**=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CCGGTGGAAGGGGCTTCTGGCCTGCTGAGCTCCCTCCACACACCTCAAGCCCCATGCCGTGCTCATC
CTACCCCAATCCCTCCAATAAACCTGATTCTGCTGCCAGACTATGTGCTATTCTTAGGCTG
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
```

**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\\_016286.4](#)

**Summary:** The protein encoded by this gene acts as a homotetramer to catalyze diacetyl reductase and L-xylulose reductase reactions. The encoded protein may play a role in the uronate cycle of glucose metabolism and in the cellular osmoregulation in the proximal renal tubules. Defects in this gene are a cause of pentosuria. Two transcript variants encoding different isoforms have been found for this gene.[provided by RefSeq, Aug 2010]



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Locus ID: 51181

MW: 4.8