

Product datasheet for **SC119281**

DECR1 (NM_001359) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	DECR1 (NM_001359) Human Untagged Clone
Tag:	Tag Free
Symbol:	DECR1
Synonyms:	DECR; NADPH; SDR18C1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_001359, the custom clone sequence may differ by one or more nucleotides

```
ATGAAGCTACCGCCAGGGTTTTCTTTACTCTGGGGTCCCGGCTGCCCTGTGGCCTCGCTCCTCGGAGGT
TTTTAGTTATGGGACAAAAATATTATATCAAAACACTGAAGCTTTGCAATCTAAATCTTTTCACCTCT
TCAAAAAGCGATGCTACCACCTAATAGTTTTCAAGGAAAAGTGGCATTCTACTGGGGGAGGACTGGC
CTTGTAAGGAATGACAACTCTCTGTCCAGCCTAGGTGCTCAGTGCCTGATAGCCAGCCGGAAGATGG
ATGTTTTGAAAGCTACCGCAGAACAAATTTCTTCTCAAAGTAAAGTTTCATGCAATTCAGTGTGA
TGTGAGGGATCCTGATATGGTTCAAACACTGTGTCAGAACTGATCAAAGTTGCAGGACATCCTAATATT
GTGATAACAATGCAGCAGGGAATTTTATTTCTCTACTGAAAGACTTTCTCCTAATGCTTGAAAACCA
TAACTGACATAGTTCTAAATGGCACAGCCTTCGTGACACTAGAAATTGGAAAACAATAATTAAAGCACA
GAAAGGAGCAGCATTTCTTTCTATTACTACTATCTATGCTGAGACTGGTTCAGGTTTTGTAGTACCAAGT
GCTTCTGCCAAAGCAGGTGTGGAAGCCATGAGCAAGTCTCTTGACAGTGAATGGGGTAAATATGGAATGC
GATTCAATGTGATTCAACCAGGGCCTATAAAAACCAAAGTGCCTTTAGCCGTCTGGACCAACTGGAAC
ATTTGAGAAAGAAATGATTGGCAGAAATCCCTGTGGTGCCTGGGACTGTAGAAGAACTCGAAATCTT
GCTGCTTTCCTTTGTAGTGATTATGCTTCTGGATTAATGGAGCAGTCATTAATTTGACGGTGGAGAGG
AAGTACTATTTTCAGGGGAATTCACGACCTGAGAAAGGTCACCAAGGAGCAGTGGGACACCATAGAAGA
ACTCATCAGGAAGACAAAAGTTCCTAA
```



[View online »](#)

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_001359 unedited
 NGGGTCACCATTTGTATACGACTCACTATAGGGCGGCCGGAATTCGCACGAGGCTACCG
 GCCAGGGTTTTCTTACTCTGGGGTCCCGGCTGCCCTGTGGCCTCGTCTCCGGAGGGCA
 CCTTACTAGGGATATGAAGGTGAGAAGAAGAGCTGATTCTGTGCAAGAAGCATAGAG
 TCCAATGGCATTATGTTTTTCAGTTATGGGACAAAAATATTATATCAAAACACTGAAGCT
 TTGCAATCTAAATCTTTTCACCTCTTCAAAAAGCGATGCTACCACCTAATAGTTTTCAA
 GGAAAAGTGGCATTCACTACTGGGGGAGTACTGGCCTTGGTAAAGGAATGACAACCTCT
 CTGTCCAGCCTAGGTGCTCAGTGCCTGATAGCCAGCCGATGGATGTTTTGAAAGCTACCG
 CAGAACAATTTCTTCTCAAACCTGGAAATAAGGTTTCATGCAATTCAGTGTGATGTGAGGG
 ATCCTGATATGGTTCAAACACTGTGTCAGAAGTTCAGAAAGTTCAGGACATCCTAATA
 TTGTGATAAAACAATGCAGCAGGGAATTNTATTTCTCCTACTGAAAGACTTTCTCCTAATG
 CTTGGAAAACCATAACTGACATAGTTCTAAATGGCACAGCCTTCGTGACACTAGAAATTG
 GAAAACAATAAATAAGCACAGAAAGGAGCAGCATTTCTTTCTATTACTACTATCTATG
 CTGAGACTGGTTCAGTTTTGTAGTACCAAGTCTTCTGCCAAAAGCAGTGTGGAAGCCA
 TGAGCCAGTCTCTTGACGCTGAATGGGGTAAATATGGAATGCGATTCAATGTGATTCAAC
 CAGGGCCTATAAAACCAAAGTGCCTTTANCCGTTTGGACCCACTGTAACATT

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_001359 unedited
 AGAGTCGAGTTTTTTTTTTTTTTTTTTTTTTTGTGTTAATTAAGAATTTATTAGACTTGAAAT
 AGTCAAAAGATGAGAGATAATTTGTTTCATTTCTATTCCCTTTTCTGTAACCAAGATGAA
 GGCCAAAGTGGTCTTAGGAACCTTTTGTCTTCTGATGAGTTCCTATGGTGTCCCACT
 GCTCCTTGGTACCTTTCTCAGGTCGTTGAATCCCTGAAATAAGTACTTCTCTCCAC
 CGTCAAATTTAATGACTGCTCCATTAATCCAAGAAGCATAATCACTACAAAGGAAAGCAG
 CAAGATTTGCGAGTCTTCTACAGTCCCAAGGCGACCACAGGGAATTCTGCCAATCATT
 CTTTCTCAAATGTTCCAGTTGGGTCCAGACGGCTAAAGGCACCTTTGGTTTTATAGGCC
 CTGTTGAATCACATTGAATCGCATTCCATATTTACCCATTTCAGCTGCAAGAGACTTGC
 TCATGGCTTCCACACCTGCTTTGGCAGAAGCACTTGGTACTACAAAACCTGAACCAAGTCT
 CAGCATAGATAGTAGTAATAGAAAGAAATGCTGCTCCTTTCTGTGCTTTAATTAGTTGTT
 TTTCAATTTCTAGTGTCCGAAGGCTGTGCCATTTAGAATATGTCAGTTATGGTNTTTCC
 AAGCATTTACGAGAAAAGTCTTTTCAGTAGGAGAAAATAAAAATCCCTGCTGCACTGNTTATC
 AACATATTAAGATGCCCCGCAACTTGATCAGTTTTGACCAGTGTTTTGAACCTATCCAGG
 ACCCTCCCATCCACTGAATCGCTGAACCTCATTCCCTTTAGAAGAAATTTGTCTGCCGAA
 CCTTTCAACCTCCATTGGTTGCTTACCCCTGGCACCTAGCCGACAAANAGTTGTTTTCT
 TACAAGGCCATCCTCCCCAAAGAAAGCCCTTTTCTGAAACTCTAGGGGACACCCTTTT
 TAAAGGGAACAATTTAATGCAACTTCCGGTTGAATAATTTGCCAATGGAACAATGCCT
 GGCCTCTCTTTGAACCGAN

Restriction Sites:

NotI-NotI

ACCN:

NM_001359

Insert Size:

1160 bp

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_001359.1 , NP_001350.1
RefSeq Size:	1251 bp
RefSeq ORF:	1008 bp
Locus ID:	1666
UniProt ID:	Q16698
Cytogenetics:	8q21.3
Domains:	adh_short
Protein Families:	Druggable Genome
Gene Summary:	<p>This gene encodes an accessory enzyme which participates in the beta-oxidation and metabolism of unsaturated fatty enoyl-CoA esters. [provided by RefSeq, Jul 2008]</p> <p>Transcript Variant: This variant (1) encodes the longest isoform (1). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>