

## Product datasheet for RN202960

### Decr2 (NM\_171996) Rat Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Decr2 (NM\_171996) Rat Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Decr2  
**Synonyms:** Dcrakl; putativeperoxisomal24-dienoyl-CoA reductase  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >RN202960 representing NM\_171996  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGACCCAGCAGCCGCTGACGTTGAGGAGGATGACTGTCTTTCTGAATACCACCACCTCTTCTGCCCGG  
 ACCTTCTCCAGGACAAAGTGGCTTTTACTGTTGGTGGTCTGGGATTGGCTTCCGGATCGCCGAGAT  
 TTTCATGAGGCATGGCTGCCACACTGTCATCGTCAGCAGGAGTCTGCCGAGAGTGTCCGAGGCTGCTAAG  
 AAGTTGGTTGCTGCCACTGGAAAGCGGTGTCTCCCTCTGTCTATGGATGTCCGAGTTCGCCAGCTGCA  
 TGGCTGCTGTGGACCAAGCGCTGAAAGAATTTGGCAAAATCGACATCCTCATTAACTGTGCTGCAGGGAA  
 CTTTTATGCCCTGCCAGTGCATTGTCTTTCAATGCCTTTAAGACTGTGGTGGACATTGACACCCTTGGC  
 ACCTTCAATGTGTCTCGTGTGCTTTATGAGAAGTCTTCCGGGACCATGGAGGAGTATCGTGAACATTA  
 CCGCCACCCTCAGTATGCGGGGGCAGGTGCTGCAGCTCCATGCAGGCGCTGCCAAGGCGGCTGTGGATGC  
 TATGACGCGACACTTGGCTGTGGAGTGGGTCCCAGAATATCCGTGTCAACAGCCTGGCTCCTGGTGCC  
 ATCAGCGGCACTGAGGGTCTGCGGAGATTAGGAGGCCCAAGGCCAGTTCGAAATTTAAGTATCTTTCAA  
 GTCCTATTCCAAGACTCGGAACCAAGACAGAAATCGCCACAGCGTGTGTACCTAGCCAGCCCTCTGGC  
 TTCCTATGTCTCAGGGATTGTGTTGGTGGTGTGATGGTGGTAGCTGGATGACGCTCCCAAATGACATTGGG  
 CGACTGCTAGAGTTTGAATCCTCCTCTGCTAAGCTG**TAG**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_171996  
**Insert Size:** 879 bp



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<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_171996.3</a> , <a href="#">NP_741993.1</a>
<b>RefSeq Size:</b>	1472 bp
<b>RefSeq ORF:</b>	879 bp
<b>Locus ID:</b>	64461
<b>UniProt ID:</b>	<a href="#">Q9Z2M4</a>
<b>Cytogenetics:</b>	10q12
<b>Gene Summary:</b>	required for the degradation of unsaturated fatty acids [RGD, Feb 2006]