

## Product datasheet for MC210558

### Decr1 (NM\_026172) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Decr1 (NM\_026172) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Decr1  
**Synonyms:** 1200012F07Rik; Decr; Nadph  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Fully Sequenced ORF:** >MC210558 representing NM\_026172  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGCGCTGCTGGGCCGTGCGTTCTTTGCTGGGGTGTCCCGCCTCCCCTGCGATCCGGGTCTCAGAGGT  
TTTT**CAGCTTTGGAACAAAA**CACTGTATCAAAGCAAAGATGCTCCACAGTCTAAATTTCCAGCCCGT  
TTTAAAGCCTATGCTACCACTGATGCTTTTCAAGGAAAAGTGGCTTTCATTACTGGAGGAGGGACTGGC  
CTTGGCAAGGCAATGACAACCTTTCTGTCTACCCTGGGTGCCAGTGTGTGATAGCCAGCAGAAATATTG  
ATGTTTTGAAAGCGACTGCAGAAGAGATTTCTTCTAAAAGTGAACAAGTTTCATGCGATTCCGGTGTGA  
TGTTCCGAGATCCTGATATGGTACATAACACAGTCTGGAAGTGCAGGATCCGGATGTG  
GTGATAAACAACGCGGCAGGGAACCTTCAATTTCCCCAGTGAGAGACTGACTCCCAATGGCTGGAAGACCA  
TAACTGACATAGTTCTCAATGGCACAGCCTATGTGACACTAGAAAATTGGAAAGCAGCTAATTAAGCACA  
GAAAGGAGCTGCGTTTCTTGCCATCACTACCATCTATGCTGAGAGTGGATCAGGCTTTGTAATGCCAAGT  
TCTTCAGCCAAATCAGGCGTGGAGCCATGAATAAGTCACTTGCAGCTGAATGGGGTAGATATGGAATGC  
GTTTCAACATAATTCAGCCAGGACCTATCAAACCAAAGGAGCCTTTAGCCGTTTGGACCCGACTGGAAG  
ATTTGAGAAGGAGATGATTGACAGAATCCCCTGTGGTCTGTTGGAACTATGGAGAACTTGCAAATCTG  
GCCACTTTCCTATGCAGTGATTATGCCTTTGGATTAATGGAGCAGTCATTAGATTTGACGGTGGAGAGG  
AAGTATTTCTGTCAAGTGAATTCAACTCTTAAAGAAGTCAACCAAGGAGGAGTGGGATATAATCGAAGG  
GCTCATCAGGAAGACAAAAGGCTCTAA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAAACATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI



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<b>ACCN:</b>	NM_026172
<b>Insert Size:</b>	1008 bp
<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_026172.3</a> , <a href="#">NP_080448.1</a>
<b>RefSeq Size:</b>	3082 bp
<b>RefSeq ORF:</b>	1008 bp
<b>Locus ID:</b>	67460
<b>UniProt ID:</b>	<a href="#">Q9CQ62</a>
<b>Cytogenetics:</b>	4 A2
<b>Gene Summary:</b>	Auxiliary enzyme of beta-oxidation. It participates in the metabolism of unsaturated fatty enoyl-CoA esters having double bonds in both even- and odd-numbered positions. Catalyzes the NADP-dependent reduction of 2,4-dienoyl-CoA to yield trans-3-enoyl-CoA (By similarity). [UniProtKB/Swiss-Prot Function]