

Product datasheet for RN208399

Decr1 (NM_057197) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Decr1 (NM_057197) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Decr1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN208399 representing NM_057197 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGCGCTGCTGGCCCGTGGCTTCTTTGCTGGGGTGTCCCGCTCCCCTGCGATCCCGGTCTCAGAGGT
TTTTTCAGCTTTGGAACGAAAACCCTGTATCAAAGCATCGATGCTCCACAGTCTAAATTTCCCACCCAT
TTTAAAGCCTATGCTACCACCTAATGCCTTTCAAGGAAAAGTGGCTTTCATCACGGGAGGAGGCCTGGC
CTTGGCAAGGCAATGACAACTTTCTGTCCAGCCTGGGTGCCAGTGTGTGATCGCGAGCAGGAATATTG
ATGTTCTGAAAGCTACTGCAGAAGAGATTACTTCTAAAAGTGGAAATAAGGTCTATGCGATTGCGGTGTGA
CGTTCGAGATCCTGATATGGTACACAACACAGTACTGGAGCTGATCAAAGTTGCAGGGCATCCTGATGTG
GTGATAAACAATGCGGCAGGGAACCTTCAATTTCTCCAGTGAGAGACTGTCTCCAATGGTTGGAAGACCA
TAACTGACATAGTTCTCAATGGTACAGCCTATGTGACGCTAGAAATTGGAAAGCAGCTAATTAAGCACA
GAAAGGAGCTGCCTTTCTTGCTATCACTACGATCTATGCTGAGAGCGGATCAGGCTTTGTAATGCCAAGT
TCTTCAGCCAAATCAGGCGTGAAGCCATGAATAAGTCTTTCAGCTGAATGGGGTAGATACGGAATGC
GTTTCAACATAATTCAGCCAGGGCTATCAAACCAAAGGTGCCCTTAGCCGTTTGGACCGACTGGAAA
ATTTGAGAAAGATATGATCGAGAGAATCCCTGTGGTTCGGCTGGGAACTGTGGAGAACTTGCCAATCTA
GCGACTTTCTTTGCAAGTATTGCTCTTGGATCAATGGGGCAGTCATTTCGATTTGACGGTGGAGAGG
AAGTGTCTGTGAGGTGAATCAACTCTTAAAGAAGGTCAACAAGGAGGAGTGGGATGTAATCGAAGG
CCTCATCAGAAAGACAAAAGGCTCTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_057197
Insert Size:	1008 bp



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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_057197.2 , NP_476545.2
RefSeq Size:	1146 bp
RefSeq ORF:	1008 bp
Locus ID:	117543
UniProt ID:	Q64591
Cytogenetics:	5q13
Gene Summary:	catalyzes the conversion of trans-2,3-didehydroacyl-CoA and NADP(+) to trans,trans-2,3,4,5-tetrahydroacyl-CoA and NADPH [RGD, Feb 2006]