

Product datasheet for SC208117

DEC2 (NM_020664) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	DEC2 (NM_020664) Human 3' UTR Clone
Symbol:	DEC2
Synonyms:	PDCR; SDR17C1
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_020664
Insert Size:	623 bp
Insert Sequence:	>SC208117 3'UTR clone of NM_020664 The sequence shown below is from the reference sequence of NM_020664. The complete sequence of this clone may contain minor differences, such as SNPs. Blue =Stop Codon Red =Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GATTTTCGCATCCTTCTCTGCTAAGCTCTTAGGAATCTTCCGGCCGCTGCTTCTCTGCCGCTCACTCAGCC
AGGTGGAGAGCACCAATCTGAACCAGCAATGCCTGCAGCCAGCCCTCCTCTGAACACTCAGCTATTA
CTGCGCTTCCCTCCCCACGGCCCAACTCCAGGGCAGGAGCAACTGGACAGTGGCCTGGCCCGTGGGA
GCTGCCACGCAGGTGCCCTGAGGGCCAGGTGCCACGCAGGTGTCTGAGGACCAGGTGCCACGCAGGTGGT
GGGGGTACAGACAAGATGCTGGGATGTCCCTGCCCATGGTCAAGGGTGTCTGCCTGCCTGGGTCCA
GGGCTGAGGGAGCCACATGGATCCCGAGACTTGTGTTCTCTTGGCTGAAAACACTGAGGTGCTCCCAT
CTGTGCGTGGCCCATGAGCTGGGATGGTCTCCAGCTGCCACAAGGTCCGCCCTCTGTCTCTGCACC
ACCTGTTTGCATAAACACACTTTGCTACAATCTTGCTAGTGCGTTTTCTTAAAAGATAATCTATTTACT
GTAAAAATAAATTGGACTTTGCAAAAGCTTTTAGAAGGAAAAGAAAGAGGATTAAGAGAATTGCTGGT
GA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
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Restriction Sites:	Sgfl-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).



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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_020664.4
Summary:	Auxiliary enzyme of beta-oxidation. Participates in the degradation of unsaturated fatty enoyl-CoA esters having double bonds in both even- and odd-numbered positions in peroxisome. Catalyzes the NADP-dependent reduction of 2,4-dienoyl-CoA to yield trans-3-enoyl-CoA. Has activity towards short and medium chain 2,4-dienoyl-CoAs, but also towards 2,4,7,10,13,16,19-docosaheptaenoyl-CoA, suggesting that it does not constitute a rate limiting step in the peroxisomal degradation of docosahexaenoic acid.[UniProtKB/Swiss-Prot Function]
Locus ID:	26063
MW:	22.5