

Product datasheet for **SC202185**

PECI (ECI2) (NM_001166010) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	PECI (ECI2) (NM_001166010) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	ECI2
Synonyms:	ACBD2; dj1013A10.3; DRS-1; DRS1; HCA88; PECI
ACCN:	NM_001166010
Insert Size:	198 bp
Insert Sequence:	>SC202185 3'UTR clone of NM_001166010 The sequence shown below is from the reference sequence of NM_001166010. The complete sequence of this clone may contain minor differences, such as SNPs. Blue =Stop Codon Red =Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC AACTTCTTATCCAGAAAATCAAACCTGTGATGACCACTACAGCAGAGTAAAGCATGTCCAAGGAAGGAT GTGCTGTTACCTCTGATTTCCAGTACTGGAACAAATAAGCTTCATTGTGCCTTTTGTAGTGCTAGAAT ATCAATTACAATGATGATTTCACTACAGCTCTGATGAATAAAAAGTTTTGTAAAACAA ACGCGT AAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
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).
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:	<u>NM_001166010.2</u>



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Summary: This gene encodes a member of the hydratase/isomerase superfamily. The protein encoded is a key mitochondrial enzyme involved in beta-oxidation of unsaturated fatty acids. It catalyzes the transformation of 3-cis and 3-trans-enoyl-CoA esters arising during the stepwise degradation of cis-, mono-, and polyunsaturated fatty acids to the 2-trans-enoyl-CoA intermediates. Alternatively spliced transcript variants have been described. [provided by RefSeq, Aug 2011]

Locus ID: 10455

MW: 7.4