

PECR cDNA

Catalog Number: ATGD0246

PRODUCT INFORMATION

Catalog number

ATGD0246

Product type

cDNA

Species

Human

NCBI Accession No.

NP_060911.2

Alternative Names

DCRRP, HPDHASE, HSA250303, PVIARL, SDR29C1, TERP

mRNA Refseq

NM_018441.5

OMIM

605843

Chromosome location

2q35

PRODUCT SPECIFICATION

Formulation

Lyophilized

Storage

Store the plasmid at -20C.

cDNA Size

912bp

Preparation before usage

1. Centrifuge at 7000rpm for 1 minute.
2. Carefully open the vial and add 100ul of sterile water to dissolve the DNA. Each tube contains approximately 10ug of lyophilized plasmid.

Vector description

This shuttle vector contains the complete ORF. It is inseted BamH I to Xho I. The gene insert contains multiple cloning sites which can be used to easily cut and transfer the gene and recombination site into your expression vector.

Cloning Vector

pATGen (puc19-derived cloning vector)

General Description

PECR cDNA

Catalog Number: ATGD0246

PECR (Peroxisomal Trans-2-Enoyl-CoA Reductase) is a Protein Coding gene. Among its related pathways are Peroxisome and Mitochondrial LC-Fatty Acid Beta-Oxidation.

DATA

Sequence nucleotides

```
ATGGCCTCCTGGGCTAAGGGCAGGAGCTACCTGGCGCCTGGTTTGCTGCAGGGCCAAGTGGCCATCGTCACCGGCGGGG
CCACGGGCATCGGAAAAGCCATCGTGAAGGAGCTCCTGGAGCTGGGGAGTAATGTGGTCATTGCATCCCCTAAGTTGGAG
AGATTGAAGTCTGCGGCAGATGAACTGCAGGCCAACCTACCTCCCACAAAGCAGGCACGAGTCATTCCCATAACAATGCAAC
ATCCGGAATGAGGAGGAGGTGAATAATTTGGTCAAATCTACCTTAGATACTTTTGGTAAGATCAATTTCTTGGTGAACAATG
GAGGAGGCCAGTTTCTTTCCCCTGCTGAACACATCAGTTCTAAGGGATGGCACGCTGTGCTTGAGACCAACCTGACGGGTA
CCTTCTACATGTGCAAAGCAGTTTACAGCTCCTGGATGAAAGAGCATGGAGGATCTATCGTCAATATCATTGTCCCTACTAAA
GCTGGATTTCCATTAGCTGTGCATTCTGGAGCTGCAAGAGCAGGTGTTTACAACCTCACCAATCTTTAGCTTTGGAATGGG
CCTGCAGTGGAATACGGATCAATTGTGTTGCCCTGGAGTTATTTATCCAGACTGCTGTGGAGAACTATGGTTCCTGGGG
ACAAAGCTTCTTTGAAGGGTCTTTTCAGAAAATCCCCGCTAAACGAATTGGTGTTCTGAGGAGGTCTCCTCTGTGGTCTGC
TTCCTACTGTCTCCTGCAGCTTCCTTCATCACTGGACAGTCGGTGGATGTGGATGGGGGCCGGAGTCTCTATACTCACTCGT
ATGAGGTACCAGATCATGACAACCTGGCCCAAGGGAGCAGGGGACCTTTCTGTTGTCAAAAAGATGAAGGAGACCTTTAAGG
AGAAAGCTAAGCTCTGA
```

Transaction Sequence

```
MASWAKGRSY LAPGLLQGQV AIVTGGATGI GKAIKELLE LGSNVVIASR KLERLKSAADELQANLPPTK QARVIPIQCN
IRNEEEVNNL VKSTLDTFGK INFLVNNGGG QFLSPAHEISSKGWHAVLET NLTGTFYMCK AVYSSWMKEH GGSIVNIIVP
TKAGFPLAVH SGAARAGVYNLTKSLALEWA CSGIRINCVA PGVIYSQTAV ENYGSWGQSF FEFSFQKIPA
KRIGVPEEVSSVVCFLSPA ASFITGQSVD VDGGRSLYTH SYEVPDHDNW PKGAGDLSVV KMKETFKEKAKL
```