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

For research use only. This product is not intended or approved for human, diagnostics or veterinary use.

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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
CCACGGGCATCGGAAAAGCCATCGTGAAGGAGCTCCTGGAGCTGGGGAGTAATGTGGTCATTGCATCCCGTAAGTTGGAG
AGATTGAAGTCTGCGGCAGATGAACTGCAGGCCAACCTACCTCCCACAAAGCAGGCACGAGTCATTCCCATACAATGCAAC
ATCCGGAATGAGGAGGAGGTGAATAATTTGGTCAAATCTACCTTAGATACTTTTGGTAAGATCAATTTCTTGGTGAACAATG
GAGGAGGCCAGTTTCTTTCCCCTGCTGAACACATCAGTTCTAAGGGATGGCACGCTGTGCTTGAGACCAACCTGACGGGTA
CCTTCTACATGTGCAAAGCAGTTTACAGCTCCTGGATGAAAGAGCATGGAGGATCTATCGTCAATATCATTGTCCCTACTAAA
GCTGGATTTCCATTAGCTGTGCATTCTGGAGCTGCAAGAGCAGGTGTTTACAACCTCACCAAATCTTTAGCTTTGGAATGGG
CCTGCAGTGGAATACGGATCAATTGTGTTGCCCCTGGAGTTATTTATTCCCAGACTGCTGTGGAGAACTATGGTTCCTGGGG
ACAAAGCTTCTTTGAAGGGTCTTTTCAGAAAATCCCCGCTAAACGAATTGGTGTTCCTGAGGAGGTCTCCTCTGTGGTCTGC
TTCCTACTGTCTCCTGCAGCTTCCTTCATCACTGGACAGTCGGTGGATGTGGATGGGGGCCGGAGTCTCTATACTCACTCGT
ATGAGGTACCAGATCATGACAACTGGCCCAAGGGAGCAGGGGACCTTTCTGTTGTCAAAAAGATGAAGGAGACCTTTAAGG
AGAAAGCTAAGCTCTGA

Transaction Sequence

MASWAKGRSY LAPGLLQGQV AIVTGGATGI GKAIVKELLE LGSNVVIASR KLERLKSAADELQANLPPTK QARVIPIQCN
IRNEEEVNNL VKSTLDTFGK INFLVNNGGG QFLSPAEHISSKGWHAVLET NLTGTFYMCK AVYSSWMKEH GGSIVNIIVP
TKAGFPLAVH SGAARAGVYNLTKSLALEWA CSGIRINCVA PGVIYSQTAV ENYGSWGQSF FEGSFQKIPA
KRIGVPEEVSSVVCFLLSPA ASFITGQSVD VDGGRSLYTH SYEVPDHDNW PKGAGDLSVV KKMKETFKEKAKL