Recombinant Human PECR, His-tagged

Cat. No. PECR-1638H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PECR protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-303aa
Storage	The protein is stored in PBS buffer at -20℃. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH8.) added with 300mM Imidazole and 0.7% Sarcosyl, 15%glycerol.

GENE INFORMATION

Gene Name	PECR peroxisomal trans-2-enoyl-CoA reductase [Homo sapiens]
Official Symbol	PECR
Synonyms	PECR; peroxisomal trans-2-enoyl-CoA reductase; HSA250303; SDR29C1; short chain dehydrogenase/reductase family 29C; member 1; TERP; DCR-RP; pVI-ARL; 2,4-dienoyl-CoA reductase-related protein; putative short chain alcohol dehydrogenase; short chain dehydrogenase/reductase family 29C, member 1;

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	DCRRP; PVIARL; HPDHASE;
Gene ID	55825
mRNA Refseq	NM_018441
Protein Refseq	NP_060911
MIM	605843
UniProt ID	Q9BY49
Chromosome Location	2q35
Pathway	Biosynthesis of unsaturated fatty acids, organism-specific biosystem; Biosynthesis of unsaturated fatty acids, conserved biosystem; Fatty Acid Biosynthesis, organism-specific biosystem; Mitochondrial LC-Fatty Acid Beta-Oxidation, organism-specific biosystem; Peroxisome, organism-specific biosystem; Peroxisome, conserved biosystem;
Function	nucleotide binding; oxidoreductase activity; trans-2-enoyl-CoA reductase (NADPH) activity;

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