

AR50064PU-N**Human PECR (1-303, His-tag) - Purified**

Alternate names:	2, 4-dienoyl-CoA reductase-related protein, DCR-RP, HPDHase, PRO1004, Peroxisomal trans-2-enoyl-CoA reductase, TERP, pVI-ARL
Quantity:	0.5 mg
Concentration:	1 mg/ml (determined by Bradford)
Background:	Peroxisomal trans-2-enoyl-CoA reductase, also known as PECR, the key enzyme for a proposed peroxisomal chain elongation pathway. This protein was mainly expressed in liver and kidney.
Uniprot ID:	Q9BY49
NCBI:	NP_060911
GeneID:	55825
Species:	Human
Source:	E. coli
Format:	State: Liquid purified protein Purity: >95% by SDS - PAGE Buffer System: 20 mM Tris-HCl buffer(pH 8.0) containing 10% glycerol, 2mM DTT, 0.15M NaCl.
Description:	Recombinant human PECR protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques. AA Sequence: MGSSHHHHH SSGLVPRGSH MGSHTASWAK GRSYLAPGLL QGQVAIVTGG ATGIGKAIK ELLELGSNVV IASRKLERLK SAADELQANL PPTKQARVIP IQCNIRNEEE VNNLVKSTLD TFGKINFLVN NGGQFLSPA EHISSKGWHA VLETNLTGTF YMCKAVYSSW MKEHGGSIWN IIVPTKAGFP LAVHSGAARA GVYNLTKSLA LEWACSGIRI NCVAPGVIYS QTAVENYGSW GQSFFEGSFQ KIPAKRIGVP EEVSSVVCFL LSPAASFITG QSVDVDGGRS LYTHSYEVPD HDNWPKGAGD LSVVKKMKET FKEKAKL Molecular weight: 35.1 kDa (327aa), confirmed by MALDI-TOF
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	Das AK., et al. (2000) J Biol Chem. 275(32):24333-40. Amery L., et al. (2001) Comb Chem High Throughput Screen. 4(7):545-52.

Pictures:

