

Peroxisomal Trans-2-enoyl-CoA Reductase Human Recombinant

Item Number	rAP-1769
Synonyms	Peroxisomal trans-2-enoyl-CoA reductase, TERP, HSA250303, SDR29C1, 2,4-dienoyl-CoA reductase-related protein, DCR-RP, pVI-ARL, EC 1.3.1.38, HPDHASE, putative short chain alcohol dehydrogenase, short chain dehydrogenase/reductase family 29C member 1.
Description	PECR Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 327 amino acids (1-303) and having a molecular mass of 35.1 kDa. PECR is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	Q9BY49
Amino Acid Sequence	MGSSHHHHH SSGLVPRGSH MGSMMASWAK GRSYLAPGLL QGQVAITGG ATGIGKAIVK ELLELGSNVV IASRKLERLK SAADELQANL PPTKQARVIP IQCNIRNEEE VNNLVKSTLD TFGKINFLVN NGGGQFLSPA EHISSKGWHA VLETNLTGTF YMCKAVYSSW MKEHGGGSIVN IIVPTKAGFP LAVHSGAARA GVYNLTSLA LEWACSGIRI NCVAPGVIYS QTAVENYGSW GQSFFEGSFQ KIPA- KRIGVP EEVSSVVCFL LSPAASFITG QSDVDGGRS LYTHSYEVPD HDNWPKGAGD LSVVKKMKET FKEKAKL
Source	E.coli.
Physical Appearance and Stability	Sterile Filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Formulation and Purity	The PECR solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 2mM DTT and 10% glycerol. Greater than 95% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**