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## Product Data Sheet

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Product Name: PECR Human  
 Cat. No.: GP22068  
 Batch No.: 1

### Product Data

Purity	>98%	Source	E.coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
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.		
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSHMASWAK GRSYLAPGLL QGQVAIVTGG ATGIGKAIVK ELLELGSNVV IASRKLERLK SAADELQANL PPTKQARVIP IQCNIRNEEE VNMLVKSTLD TFGKINFLVN NGGGQFLSPA EHISSKGWHA VLETNLTGTF YMCKAVYSSW MKEHGGSIVN IIVPTKAGFP LAVHSGAARA GVYNLTKSLA LEWACSGIRI NCVAPGVIYS QTAVENYGSW GQSFFEGSFQ KIPAKRIGVP EEVSSVVCFL LSPAASFITG QSVDVDGGRS LYTHSYEVPD HDNWPKGAGD LSVVKKMKET FKEKAKL		
Formulation	The PECR solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 2mM DTT and 10% glycerol.		

### Introduction

PECR is the main enzyme for a projected peroxisomal chain elongation pathway and is primarily expressed in kidney and liver.

### Stability

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.

### Background

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

**Caution: Product has not been fully validated for medical applications. For research use only.**

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kDa.PECCR is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

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