

## PECR Human

**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.

**Catalog #:** ENPS-184

For research use only.

**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.

**Source:** E.coli.

**Physical Appearance:** Sterile Filtered colorless solution.

**Amino Acid Sequence:** MGSSHHHHHH SSGLVPRGSH MGSHMASWAK GRSYLAPGLL  
QGQVAIVTGG ATGIGKAIVK ELLELGSNVV IASRKLERLK SAADELQANL PPTKQARVIP  
IQCNIRNEEE VNNLVKSTLD TFGKINFLVN NGGGQFLSPA EHISSKGWHA VLETNLTGTF  
YMCKAVYSSW MKEHGGSIIV IIVPTKAGFP LAVHSGAARA GVYNLTKSLA LEWACSGIRI  
NCVAPGVIYS QT

**Purity:** Greater than 95% as determined by SDS-PAGE.

### Formulation:

The PECR solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 2mM DTT and 10% glycerol.

### 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.

### Usage:

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

### Introduction:

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

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