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PECR Human

Catalog #:ENPS-184

For research use only.

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.

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 MKEHGGSIVN 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 drμgs, 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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