

## 32-2656: PECl Recombinant Protein

**Alternative Name :** EC 5.3.3.8,ACBD2,DRS1,HCA88,PECl,Peroxisomal 3,2-trans-enoyl-CoA isomerase,Dodecenoyl-CoA isomerase,Delta(3),delta(2)-enoyl-CoA isomerase,D3,D2-enoyl-CoA isomerase,Diazepam-binding inhibitor-related protein 1,DBI-related protein 1,DRS-1,H

### Description

Source : Escherichia Coli. PECl Recombinant Human produced in E.Coli is a single, non-glycosylated polypeptide chain containing 384 amino acids (1-364 a.a.) and having a molecular mass of 42.3 kDa. The PECl is fused to 20 amino acid His-Tag at N-terminus and purified by proprietary chromatographic techniques. PECl is an enzyme that localized to the peroxisomal matrix and encloses one ACB (acyl-CoA-binding) domain. PECl is expressed abundantly in liver, heart and skeletal muscle. PECl functions to catalyze the isomerization of both 3-cis and 3-trans double bonds into the 2-trans form in an array of enoyl-CoA species. PECl takes part in the beta-oxidation of unsaturated fatty acids.

### Product Info

**Amount :** 25 µg  
**Purification :** Greater than 95.0% as determined by SDS-PAGE.  
**Content :** PECl Human solution containing 20mM Tris pH-8, & 10% glycerol.  
**Storage condition :** PECl Human although stable at 4°C for 1 week, should be stored desiccated below -18°C. Please prevent freeze thaw cycles.  
**Amino Acid :** MGSSHHHHHH SSGLVPRGSH MNRTAMRASQ KDFENSMNQV KLLKKDPGNE VKLKLYALYK  
QATEGPCNMP KPGVFDLINK AKWDAWNALG SLPKEAARQN YVDLVSSLSP SLESSQVEP GTDRKSTGFE  
TLVVTSEDGI TKIMFNRPKK KNAINTEMYH EIMRALKAAAS KDDSIITVLT GNGDYSSGN DLTNFTDIPP  
GGVEEKAKNN AVLLREFVGC FIDFPKPLIA VVNGPAVGIS VTLGLFDVAV YASDRATFHT PFSHLGQSPE  
GCSSYTFPKI MSPAKATEML IFGKKLTAGE ACAQGLVTEV FPDSTFQKEV WTRLKAFKAL PPNALRISKE  
VIRKREREKL HAVNAEECNV LQGRWLSDEC TNAVVNFLSR KSKL.