

## 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 :** MGSSHHHHH S SGLVPRGSH MNRTAMRASQ KDFENSMNQV KLLKKDPGNE VCLKLYALYK  
QATEGPCNMP KPGVFDLINK AKWDAWNALG SLPKEAARQN YVDLVSSLSP SLESSQVEP GTDRKSTGFE  
TLVVTSEdGI TKIMFNRPKK KNAINTEMYH EIMRALKAA S KDDSITVLT GNGDYSSGN DLTNFTDIPP  
GGVEEKAKNN AVLLREFVGC FIDFPKPLIA VVNGPAVGIS VTLGLFDV YASDRATFHT PFSHLGQSPE  
GCSSYTFPKI MSPAKATEML IFGKKLTAGE ACAQGLVTEV FPDSTFQKEV WTRLKAFKL PPNALRISKE  
VIRKREREKL HAVNAEECNV LQGRWLSDEC TNAVVNFLSR KSKL.

