

Peroxisomal D3,D2-Enoyl-CoA Isomerase Human Recombinant

Item Number	rAP-1224
Synonyms	EC 5.3.3.8, ACBD2, DRS1, HCA88, PECl, Peroxisomal 3,2-trans-enoil-CoA isomerase, Dodecenoyl-CoA isomerase, Delta(3),delta(2)-enoil-CoA isomerase, D3,D2-enoil-CoA isomerase, Diazepam-binding inhibitor-related protein 1, DBI-related protein 1, DRS-1, Hepato
Description	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.
Uniprot Accesion Number	O75521
Amino Acid Sequence	MGSSHHHHH SSGLVPRGSH MNRTAMRASQ KDFENSMNQV KLLKKDPGNE VKLKLYALYK QATEGPCNMP KPGVFDLINK AKWDAWNALG SLPKEAARQN YVDLVSSLSP SLESSSQVEP GTDRKSTGFE TLVVTSEDGI TKIMFNRPKK KNAINTEMYH EIMRALKAAAS KDDSIITVLT GNGDYSSGN DLTNFTDIPP GGVEEKAKNN AVLLREFVGC FIDFPKPLIA VVNGPAVGIS VTLLGLFNAV YASDRATFHT PFSHLGQSPE GCSSYTFPKI MSPAKATEML IFGKKLTAGE ACAQGLVTEV FPDSTFQKEV WTRL- KAFACL PPNALRISKE VIRKREREKL HAVNAEECNV LQGRWLSDEC TNAVVNFLSR KSKL.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile filtered colorless solution. 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.
Formulation and Purity	PECl Human solution containing 20mM Tris pH-8, & 10% glycerol. Greater than 95.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**