

2,4-Dienoyl CoA Reductase 2 Human Recombinant

Item Number	rAP-1772
Synonyms	Peroxisomal 2,4-dienoyl-CoA reductase, pDCR, 2,4-dienoyl-CoA reductase 2, DECR2, PDCR, SDR17C1.
Description	DECR2 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 315 amino acids (1-292) and having a molecular mass of 33.2kDa. DECR2 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	Q9NUI1
Amino Acid Sequence	MGSSHHHHH SSGLVPRGSH MGSMAPPPD VEGDDCLPAY RHLFCPDLLR DKVAFITGGG SGIGFRI-AEI FMRHGCHTVI ASRSLPRVLT AARKLAGATG RRCLPLSMDV RAPPVMAAV DQALKEFGRI DILIN-CAAGN FLCPAGALSF NAFKTVMDID TSGTFNVS RV LYEKFFRDHG GVIVNITATL GNRGQALQVH AG-SAKAAVDA MTRHLAVEWG PQNIRVNSLA PGPISGTEGL RRLGGPQASL STKVTASPLQ RLGNKTEIAH SVLYLASPLA SYVTGAVLVA DGGAWLTFPN GVKGLPDFAS FSAKL.
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	The DECR2 solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 40% glycerol, 0.15M NaCl and 1mM DTT. 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**