

## 2,4-Dienoyl CoA Reductase 1 Human Recombinant

<b>Item Number</b>	rAP-1760
<b>Synonyms</b>	2,4-dienoyl-CoA reductase, mitochondrial, 2,4-dienoyl-CoA reductase [NADPH], 4-enoyl-CoA reductase [NADPH], DECR1, DECR, NADPH, SDR18C1.
<b>Description</b>	DECR1 Human Recombinant fused to 21 amino acid His Tag at N-terminal produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 322 amino acids (35-335 a.a.) and having a molecular mass of 34.4kDa. The DECR1 is purified by proprietary chromatographic techniques.
<b>Uniprot Accession Number</b>	Q16698
<b>Amino Acid Sequence</b>	MGSSHHHHHH SSGLVPRGSH MNTEALQSKF FSPLQKAMLP PNSFQGKVAFL ITGGGTGLGK GMTLLSSLG AQCVIASRKM DVLKATAEQI SSQTGNKVHA IQCDVRDPDM VQNTVSELIK VAGHPNIVIN NAAGNFISPT ERLSPNAWKT ITDIVLNGTA FVTLEIGKQL IKAQKGA AFL SITTIYAETG SGFVVPSASA KAGVEAMSKS LAAEWGKYGM RFNVIQPGPI KTKGAFSRLD PTGTFEKEMI GRIPCGRLGT VEELANLAAF LCSDYASWIN GAVIKFDGGE EVLISGEFND LRKVTKEQWD TIEELIRKTK GS.
<b>Source</b>	Escherichia Coli.
<b>Physical Appearance and Stability</b>	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.
<b>Formulation and Purity</b>	The DECR1 solution contains 20mM Tris-HCl buffer (pH 8.0), 10% glycerol and 1mM DTT. Greater than 90.0% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	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**