

Dehydrogenase/Reductase Member 4 Human Recombinant

Item Number	rAP-1771
Synonyms	Dehydrogenase/reductase SDR family member 4, NADPH-dependent carbonyl reductase/NADP-retinol dehydrogenase, CR, PHCR, NADPH-dependent retinol dehydrogenase/reductase, NRDR, humNRDR, Peroxisomal short-chain alcohol dehydrogenase, PSCD, SCAD-SRL, Short-chai
Description	DHRS4 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 302 amino acids (1-278) and having a molecular mass of 32.1kDa.DHRS4 is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accesion Number	Q9BTZ2
Amino Acid Sequence	MGSSHHHHH SSGLVPRGSH MGSHMHKAGL LGLCARAWNS VRMASSGMTR RDPLANKVAL VTASTDGIGF AIARRLAQDG AHVVVSSRKQ QNVDQAVATL QGEGLSVTGT VCHVGKAEDR ERLVATAVKL HGGIDILVSN AAVNPFPGSI MDVTEEVWDK TLDINVKAPA LMTKAVVPEM EKRGGGSVVI VSSIAAFSPS PGFSPYNVSK TALLGLTKL AIELAPRNIR VNCLAPGLIK TSFSRMLWMD KEKEESMKET LRIRRLGEPE DCAGIVSFLC SEDASYITGE TVVGGGTGPS RL.
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 DHRS4 solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH7.5), 20% glycerol and 1mM DTT. Greater than 85.0% 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**