

Dehydrogenase/Reductase Member 9 Human Recombinant

Item Number	rAP-1773
Synonyms	Dehydrogenase/reductase SDR family member 9, 3-alpha hydroxysteroid dehydrogenase, 3-alpha-HSD, NADP-dependent retinol dehydrogenase/reductase, RDH-E2, RDHL, Short-chain dehydrogenase/reductase retSDR8, DHRS9, RDH15, RDHTBE, SDR9C4, RETSDR8, 3ALPHA-HSD.
Description	DHRS9 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 327 amino acids (18-319) and having a molecular mass of 35.9kDa. DHRS9 is fused to a 21 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	Q9BPW9
Amino Acid Sequence	MGSSHHHHH SSGLVPRGSH MGS HMRKGKL KIEDITDKYI FITGCD SGFG NLAARTFDKK GFH-VIAACLT ESGSTALKAE TSERLRTVLL DVTDPENVKR TAQWVKNQVG EKGLWGLINN AGVPGVLAPT DWLTLEDYRE PIEVNLFGLI SVTLNMLPLV KKAQGRVINV SSVGGRLAIV GGGYTPSKYA VEGFNDSLRR DMKAFGVHVS CIEPGLFKN LADPVKVIEK KLAIWEQLSP DIKQQYGEGY IEKSLDKLKG NKSYVNMDLS PVVECMDHAL TSLFPKTHYA AGKDAKIFWI PLSHMPAALQ DFLLLKQKAE LANPKAV.
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 DHRS9 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 20% glycerol, 0.1M NaCl, 1mM DTT and 0.1mM PMSF. Greater than 90.0% 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**