

Hydroxysteroid (17-beta) Dehydrogenase 14 Human Recombinant

Item Number	rAP-0973
Synonyms	17-beta-hydroxysteroid dehydrogenase 14, 17-beta-HSD 14, 17-beta-hydroxysteroid dehydrogenase DHRS10, Dehydrogenase/reductase SDR family member 10, Retinal short-chain dehydrogenase/reductase retSDR3, HSD17B14, DHRS10, SDR3, SDR47C1, retSDR3.
Description	HSD17B14 Human Recombinant fused with a 36 amino acid His tag at N-terminus produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 306 amino acids (1-270 a.a.) and having a molecular mass of 32.4kDa. The HSD17B14 is purified by proprietary chromatographic techniques.
Uniprot Accession Number	Q9BPX1
Amino Acid Sequence	MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSMATG TRYAGKVVVV TGGGRGIGAG IVRAFNNSGA RVICDKDES GGRALEQELP GAVFILCDVT QEDDVKTLVS ETIRRFGRDL CVVN-NAGHHP PPQRPEETSA QGFRQLELN LLGTYTLTKL ALPYLRKSQG NVINISLVG AIGQAQAVPY VAT-KGAVTAM TKALALDESP YGVRVNCISP GNIWTPLWEE LAALMPDPRA TIREGMLAQP LGRMGQPAEV GAAAVFLASE ANFCTGIELL VTGGAELGYG CKASRSTPVD APDIPS.
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 HSD17B14 solution (1 mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 20% glycerol, 0.1M 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**