

Hydroxysteroid (17-beta) Dehydrogenase 10 Human Recombinant

Item Number	rAP-1059
Synonyms	17b-HSD10, ABAD, CAMR, DUPXp11.22, ERAB, HADH2, HCD2, MHBD, MRPP2, MRX17, MRX31, SCHAD, MRXS10, SDR5C1.
Description	HSD17B10 Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 271 amino acids (12-261 a.a.) and having a molecular mass of 28.1 kDa. HSD17B10 protein is fused to a 21 amino acid His-Tag at N-terminus and purified by standard chromatography.
Uniprot Accesion Number	Q99714
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MVAVITGGAS GLGLATAERL VGQGASAVLL DLPNSGGEAQ AKKLGNNCVF APADVTSEKD VQTALALAKG KFGRVDVAVN CAGIAVASKT YNLKKGQTH LEDFQRVLDV NLMGTFNVIR LVAGEMGQNE PDQGGQRGVVI INTASVAAFE GQVGQAAYSA SKG-GIVGMTL PIARDLAPIG IRVMTIAPGL FGTPLLTSLP EKVCNFLASQ VPFPSSLGDP AEYAHLVQAI IENPFLNGEV IRLDGAIARMQ P.
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	HSD17B10 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 0.1M NaCl, 1mM DTT & 10% glycerol. Greater than 95% 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**