

## Hydroxysteroid (17-beta) Dehydrogenase 8 Human Recombinant

<b>Item Number</b>	rAP-0982
<b>Synonyms</b>	Estradiol 17-beta-dehydrogenase 8, 17-beta-hydroxysteroid dehydrogenase 8, 17-beta-HSD 8, 3-oxoacyl- [acyl-carrier-protein] reductase, Protein Ke6, Ke-6, Really interesting new gene 2 protein, Testosterone 17-beta-dehydrogenase 8, HSD17B8, FABGL, HKE6, RIN
<b>Description</b>	HSD17B8 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 281 amino acids (1-261 a.a.) and having a molecular mass of 29.1kDa. HSD17B8 is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
<b>Uniprot Accesion Number</b>	Q92506
<b>Amino Acid Sequence</b>	MGSSHHHHHH SSGLVPRGSH MASQLQNRLR SALALVTGAG SGIGRAVSVR LAGEGATVAA CDDRAAAQE TVRLLGGPGS KEGPPRGHNH AFQADVSEAR AARCLLEQVQ ACFSRPPSVV VSCAG- ITQDE FLLHMSEDDW DKVIAVNLKG TFLVTQAAQ ALVSNGCRGS IINISSIVGK VGNVGQTNYA ASKAGVIGLT QTAARELGRH GIRCNSVLPG FIATPMTQKV PQKVVDKITE MIPMGHLDGP EDVADVVAFL ASEDSGYITG TSVEVTGGLF M.
<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>	HSD17B8 solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 40% glycerol and 150mM NaCl. Greater than 95.0% 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 end users! This product is sold for **Research Use Only**