

Hydroxysteroid (17-beta) Dehydrogenase 11 Human Recombinant

Item Number	rAP-0974
Synonyms	Estradiol 17-beta-dehydrogenase 11, 17-beta-hydroxysteroid dehydrogenase 11, 17-beta-HSD 11, 17bHSD11, 17betaHSD11, 17-beta-hydroxysteroid dehydrogenase XI, 17-beta-HSD XI, 17betaHSDXI, Cutaneous T-cell lymphoma-associated antigen HD-CL-03, CTCL-associate
Description	HSD17B11 Human Recombinant fused with a 21 amino acid His tag at N-terminus produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 287 amino acids (20-285 a.a.) and having a molecular mass of 31.4kDa. The HSD17B11 is purified by proprietary chromatographic techniques.
Uniprot Accession Number	Q8NBQ5
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MESFVKLFIP KRRKSVTGEI VLITGAGHGI GRLTAYEFAK LKSKLVLWDI NKHGLEETAA KCKGLGAKVH TFVVDCSNRE DIYSSAKKVK AEIGDVSILV NNAGVVYTSDFATQDPQIE KTFEVNVLAH FWTTKAFLPA MTKNNHGHI TVASAAGHVS VPFLAYCSS KFAAVGFHKT LTDELAALQI TGVKTTCLCP NFVNTGFIKN PSTSLGPTLE PEEVVNRLMH GILTEQKMIF IPSSIAFLTT LERILPERFL AVLKQKI.
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 HSD17B11 solution (0.5 mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 0.2M NaCl, 5mM DTT and 20% glycerol. 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**