

## 32-2455: HSD17B11 Recombinant Protein

**Alternative Name :** 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

### Description

Source : Escherichia Coli. 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. Dehydrogenase/reductase SDR family member 8 (HSD17B11) is a member of the HSD17B family of proteins, which regulate the availability of steroids within various tissues throughout the body. HSD17B11 is widely expressed with the highest levels found in the retina, pancreas, kidney, liver, lung, adrenal, small intestine, ovary and heart as well as in steroidogenic cells. HSD17B11 converts androstan-3-Alpha,17-beta-diol to androsterone, suggesting it may participate in androgen metabolism during steroidogenesis.

### Product Info

**Amount :** 20 µg  
**Purification :** Greater than 95.0% as determined by SDS-PAGE.  
**Content :** The HSD17B11 solution (0.5 mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 0.2M NaCl, 5mM DTT and 20% glycerol.  
**Storage condition :** HSD17B11 should be stored desiccated below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.  
**Amino Acid :** MGSSHHHHHH SSGLVPRGSH MESFVKLFIP KRRKSVTGEI VLITGAGHGI GRLTAYEFAK LKSKLVLWDI NKHGLEETAA KCKGLGAKVH TFVVDNRE DIYSSAKVK AEIGDVSILV NNAGVVYTSDFATQDPQIE KTFEENVLAH FWTTKAFPLA MTKNNHGIV TVASAAGHVS VPFLAYCSS KFAAVGFHKT LTDELAALQI TGVKTTCLCP NFVNTGFIKN PSTSLGPTLE PEEVNRMLH GILTEQKMIF IPSSIAFLTT LERILPERFL AVLKQKI.