



# Recombinant Human Estradiol 17-beta-dehydrogenase 11 (HSD17B11)

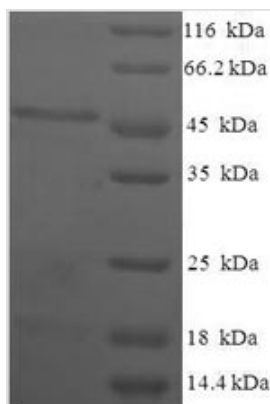
<b>Product Code</b>	CSB-EP843318HU
<b>Relevance</b>	Can convert androstan-3-alpha,17-beta-diol (3-alpha-diol) to androsterone in vitro, suggesting that it may participate in androgen metabolism during steroidogenesis. May act by metabolizing compounds that stimulate steroid synthesis and/or by generating metabolites that inhibit it. Has no activity toward DHEA (dehydroepiandrosterone), or A-dione (4-androste-3,17-dione), and only a slight activity toward testosterone to A-dione. Tumor-associated antigen in cutaneous T-cell lymphoma.
<b>Abbreviation</b>	Recombinant Human HSD17B11 protein
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	Q8NBQ5
<b>Alias</b>	17-beta-hydroxysteroid dehydrogenase 11 ;17-beta-HSD 11 ;17bHSD11 ;17betaHSD1117-beta-hydroxysteroid dehydrogenase XI ;17-beta-HSD XI ;17betaHSDXICutaneous T-cell lymphoma-associated antigen HD-CL-03 ;CTCL-associated antigen HD-CL-03Dehydrogenase/reductase SDR family member 8Retinal short-chain dehydrogenase/reductase 2 ;retSDR2Short chain dehydrogenase/reductase family 16C member 2
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	Greater than 90% as determined by SDS-PAGE.
<b>Sequence</b>	ESFVKLFIPKRRKSVTGEIVLITGAGHGIGRLTAYEFAKLKSKLVLWDINKHGLE ETAACKCKGLGAKVHTFVVDSCSNREDIYSSAKKVKAIEIGDVSILVNNAGVVYTS LFATQDPQIEKTFEVNVLAHFWTTKAFLPAMTKNNHGHIVTVASAAGHVSVPF LAYCSSKFAAVGFHKTLTDELAALQITGVKTTCLCPNFVNTGFIKPNPSTSLGPTL EPEEVNRLMHGILTEQKMIFIPSSIAFLTTLERILPERFLAVLKQKISVKFDAVIG YKMKQAQ
<b>Research Area</b>	Metabolism
<b>Source</b>	E.coli
<b>Target Names</b>	HSD17B11
<b>Expression Region</b>	20-300aa
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	N-terminal 6xHis-SUMO-tagged

**Mol. Weight**

46.8kDa

**Protein Length**

Full Length of Mature Protein

**Image**

(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

**Reconstitution**

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

**Shelf Life**

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