

**HSD17B11, 20-285aa, Human, His tag, E.coli**

**Cat.NO.: TP02511**

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3th Edition

**Synonyms:**Hydroxysteroid (17-beta) dehydrogenase 11, 17BHSD11, DHRS8, PAN1B, RETSDR2, SDR16C2

**Description:**HSD17B11, also known as DHRS8 (dehydrogenase/reductase SDR family member 8), belongs to the HSD17B family of proteins, which regulate the availability of steroids within various tissues throughout the body. It is widely expressed with highest levels found in retina, pancreas, kidney, liver, lung, adrenal, small intestine, ovary and heart as well as in steroidogenic cells.

**Form:**Liquid. In 20 mM Tris-HCl buffer (pH8.0) containing 0.2M NaCl,5mM DTT, 20% glycerol

**Molecular Weight:**31.4 kDa (287aa), confirmed by MALDI-TOF

**Sequences:**

MGSSHHHHHHSSGLVPRGSHMESFVKLFIPKRRKSVTGEIVLITGAGHGIGRLTAYEFAKLKSKLVLDINKHGLEE  
TAAKCKGLGAKVHTFVVDSCNREDIYSSAKKVKAEIGDVSILVNNAGVVYTSDFATQDPQIEKTFEVNVLAHFWTT  
KAFLPAMTKNNHGHIVTVASAAGHVSVPFLAYCSSKFAAVGFHKTLTDELAALQITGVKTTCLCPNFVNTGFIKNPS  
TSLGPTLEPEEVNRLMHGILTEQKMIFIPSSIAFLTTLERILPERFLAVLKQKI

**Purity:**> 95% by HPLC

**Concentration:**0.5 mg/ml (determined by Bradford assay)

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:**Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.