

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

Cat.NO.: TP02511

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
TAAKCKGLGAKVHTFVVDCSNREDIYSSAKKVKAIEIGDVSILVNNAGVVYTSDLFATQDPQIEKTFEVNVLAHFWTT
KAFLPAMTKNNHGHIVTVASAAGHVSVPFLLAYCSSKFAAVGFHKTLTDELAALQITGVKTTCLCPNFVNTGFIKNPS
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.