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HSD17B1, 1-328aa, Human, His tag, E.coli

产品货号: TP02509

第三版

别名: Estradiol 17-beta-dehydrogenase 1, EDH17B2, EDHB17, HSD17, SDR28C1

描述: Estradiol 17-beta-dehydrogenase 1, also known as HSD17B1, belongs to the short-chain dehydrogenases/reductases (SDR) family. This protein favors the reduction of estrogens and androgens. Recombinant human HSD17B1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

配方: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1mM DTT

分子量: 37.5kDa (352aa) confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMGSHMARTVVLITGCSSGIGLHLAVRLASDPSQSFKVVYATLRDLKTQGRLWEAARALAC  
PPGSLETQLDVRDSKSVAAARERVTEGRVDVLCNAGLGLLPLEALGEDAVASVLDVNVVGTVRMLQAFLPDMKRR  
GSGRVLVTGSGGLMGLPFNDVYCASKFALEGLCESLAVLLLPGFVHLSLIECGPVHTAFMEKVLGSPPEEVLDRDIDHIFH  
RFYQYLAHSKQVFREAAQNPEEVAEVFLTALRAPKPTLRYFTTERFLPLLRMLDDPSGSNYVTAMHREVFQDVPKAEAE  
GAEAGGGAGPGAEDAEAGRGAVGDPELGDPPAAPQ

纯度: > 95% by HPLC

浓度: 1 mg/ml (determined by Bradford assay)

内毒素: <1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 °C 保存 (1-2 周). 长期保存在 -20 °C 或者 -70 °C. 避免反复冻融.