

本公司提供的电子版说明书仅供参考，实验请以收到的纸质手册为准。

HSD17B8, 1-261aa, Human, His tag, E.coli

产品货号: TP02513

第三版

别名: Estradiol 17-beta-dehydrogenase 8, FABGL, HKE6, RING2

描述: HSD17B8, also known as estradiol 17-beta-dehydrogenase 8, belongs to the short-chain dehydrogenases/reductases (SDR) family. In mice, the Ke6 protein is a 17-beta-hydroxysteroid dehydrogenase that can regulate the concentration of biologically active estrogens and androgens. It is preferentially an oxidative enzyme and inactivates estradiol, testosterone, and dihydrotestosterone. However, the enzyme has some reductive activity and can synthesize estradiol from estrone.

配方: Liquid. 20mM Tris-HCl buffer (pH8.0) containing 40% glycerol 150mM NaCl

分子量: 29.1 kDa (281aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMASQLQNRLRSALALVTGAGSGIGRAVSVRLAGEGATVAACDLDRAAAQETVRLGGP  
GSKEGPPRGNHAAFQADVSEARAARCLLEQVQACFSRPPSVVSCAGITQDEFLLHMSEDDWDKVI AVNLKGTFLVTQA  
AAQALVSNCGRSIIINISSIVGKVGNGVQTNYAASKAGVIGLTQTAARELGRHGIRCNSVLPGFATPMTQKVPQKVVDKI  
TEMIPMGHLGDPEDVADVVAFLASEDSGYITGTSVEVTGGLFM

纯度: > 95% by HPLC

浓度: 0.5 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.