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HSD17B14, 1-270aa, Human, His tag, E.coli

产品货号: TP02512

第三版

别名:17-beta-hydroxysteroid dehydrogenase 14, DHRS10, retSDR3, SDR47C1,

描述:HSD17B14, also known as 17-beta-hydroxysteroid dehydrogenase 14, belongs to the 17-beta-HSD family of proteins, which regulate the availability of steroids within various tissues rough out the body. It exists as a homotetramer that localizes to the cytoplasm and is highly expressed in brain, placenta, liver and kidney. Recombinant human HSD17B14 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.

配方:Liquid. 20mM Tris-HCl buffer (pH8.0) containing 20% glycerol 0.1M NaCl, 1mM DTT

分子量:32.4 kDa (306aa) confirmed by MALDI-TOF

序列:

MRGSHHHHHHGMASMTGGQQMGRDLYDDDDKDRWGSMATGTRYAGKVVVVVTGGGRGIGAGIVRAVFVNSGARVVI  
CDKDESGGRALEQELPGAVFILCDVTQEDDVKTLVSETIRRFGRLCDVNNAGHHPPPQRPEETSAQGFRQLLELNLLGT  
YTLTKLALPYLRKSQGNVINISLVGAIGQAQAVPYVATKGAVTAMTKALALDESPYGVRVNCISPGNIWTPLWEELAALM  
PDPRATIREGMLAQPLGRMGQPAEVGAAAVFLASEANFCTGIELLVTGGAELGYGCKASRSTPVDAPDIPS

纯度:> 95% by HPLC

浓度:1.0 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.