

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

**Cat.NO.: TP02512**

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3th Edition

**Synonyms:**17-beta-hydroxysteroid dehydrogenase 14, DHRS10, retSDR3, SDR47C1,

**Description:**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.

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

**Molecular Weight:**32.4 kDa (306aa) confirmed by MALDI-TOF

**Sequences:**

MRGSHHHHHHGMASMTGGQQMGRDLYDDDDKDRWGSMATGTRYAGKVVVVVTGGGRGIGAGIVRAFNNSGARV  
VICDKDESGGRALEQELPGAVFILCDVTQEDDVKTLVSETIRRFGRLCDVVNNAGHHPPPQRPEETSAQGFRLLE  
LNLLGTYTLTKLALPYLRKSQGNVINISLVGAIGQAQAVPYVATKGAVTAMTKALALDESPYGVRVNCISPGNIWTP  
LWEELAALMPDPRATIREGMLAQPLGRMGQPAEVGAAAVFLASEANFCTGIELLVTGGAELGYGCKASRSTPVDA  
PDIPS

**Purity:**> 95% by HPLC

**Concentration:**1.0 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.