

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

Cat.NO.: TP02512

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:

MRGSHHHHHHGMASMTGGQQMGRDLYDDDDKDRWGSMATGTRYAGKVVVVTGGGRGIGAGIVRAFDVNSGARV
VICDKDESGGRALEQELPGAVFILCDVTQEDDVKTLVSETIRRFGRLCDVVNNAGHHPPPQRPEETSAQGFRLLE
LNLLGTYTLTKLALPYLRKSQGNVINISLVGAIGQAQAVPYVATKGAVTAMTKALALDESPYGVRVNCISPGNIWTP
LWEELAALMPDPRATIREGMLAQPLGRMGQPAEVGAAVFLASEANFCTGIELLVTGGAELGYGCKASRSTPVDA
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.