

Recombinant Human HSD17B14, His-tagged

Cat. No. HSD17B14-13957H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human HSD17B14 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-270a.a.
Description	17-beta-hydroxysteroid dehydrogenases, such as HSD17B14, are primarily involved in metabolism of steroids at the C17 position and also of other substrates, such as fatty acids, prostaglandins, and xenobiotics (Lukacik et al., 2007 [PubMed 17067289]).
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na2HPO4, 17mM NaH2PO4, 68mM NaCl, pH8.) added with 300mM Imidazole and 0.7% Sarcosyl, 15% glycerol.

GENE INFORMATION

Gene Name	HSD17B14 hydroxysteroid (17-beta) dehydrogenase 14 [Homo sapiens]
Official Symbol	HSD17B14

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Synonyms	HSD17B14; hydroxysteroid (17-beta) dehydrogenase 14; dehydrogenase/reductase (SDR family) member 10 , DHRS10; 17-beta-hydroxysteroid dehydrogenase 14; retinal short chain dehydrogenase/reductase 3; retSDR3; SDR47C1; short chain dehydrogenase/reductase family 47C; member 1; 17-beta-HSD 14; 17-beta-hydroxysteroid dehydrogenase DHRS10; dehydrogenase/reductase SDR family member 10; retinal short-chain dehydrogenase/reductase 3; dehydrogenase/reductase (SDR family) member 10; retinal short-chain dehydrogenase/reductase retSDR3; short chain dehydrogenase/reductase family 47C, member 1; DHRS10;
Gene ID	51171
mRNA Refseq	NM_016246
Protein Refseq	NP_057330
MIM	612832
UniProt ID	Q9BPX1
Chromosome Location	19q13.33
Function	estradiol 17-beta-dehydrogenase activity; nucleotide binding; oxidoreductase activity; protein binding; testosterone 17-beta-dehydrogenase (NADP+) activity;