

Recombinant Human HSD17B14, His-tagged

Cat. No. HSD17B14-28397TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human HSD17B14 protein with an N terminal His tag ; Predicted MWt: 32.4 kDa.
Species	Human
Source	E.coli
ProteinLength	270 amino acids
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.
Conjugation	HIS
Molecular Weight	32.400kDa inclusive of tags
Form	Liquid
Purity	>95% by SDS-PAGE
Storage buffer	Preservative: None Constituents: 20% Glycerol, 0.1M Sodium chloride, 20mM Tris HCl, 1mM DTT, pH 8.0
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated

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freeze / thaw cycles.

Sequences of amino acids

MRGSHHHHHHGMASMTGGQQMGRDLYDDDDKDRWGSMATGTRYAGKVVVVVG
GGRGIGAGIVRAVNSGARVVICDKDESGGRALEQELPGAVFILCDVTQEDDVKTLV
SETIRRFGRLCDVVNNAGHHPPPQRPEETSAQGFRQLLELNLLGTYTLTKLALPYLR
KSQGNVINISLVGAIGQAQAVPYVATKGAVTAMTKALALDESPYGVRVNCISPGNI
WTPLEWEELAALMPDPRATIREGMLAQPLGRMGQPAEVGAAVFLASEANFCTGIEL
LVTGGAELGYGCKASRSTPVDAPDIPS

GENE INFORMATION

Gene Name [HSD17B14 hydroxysteroid \(17-beta\) dehydrogenase 14 \[Homo sapiens \]](#)

Official Symbol [HSD17B14](#)

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 fam

Gene ID [51171](#)

mRNA Refseq [NM_016246](#)

Protein Refseq [NP_057330](#)

MIM [612832](#)

Uniprot ID [Q9BPX1](#)

Chromosome 19q13.33

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Location**Function**

estradiol 17-beta-dehydrogenase activity; nucleotide binding; oxidoreductase activity;
protein binding; testosterone 17-beta-dehydrogenase (NADP+) activity;

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