

Recombinant Human HSD17B6 293 Cell Lysate

Cat. No. HSD17B6-5372HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for hydroxysteroid (17-beta) dehydrogenase 6 homolog (mouse) (HSD17B6) is a lysate prepared from HEK293T cells transiently transfected with a TrueORF gene-carrying pCMV plasmid and then lysed in RIPA Buffer. Protein concentration was determined using a colorimetric assay. The antigen control carries a C-terminal Myc/DDK tag for detection.
Components	This product includes 3 vials: 1 vial of gene-specific cell lysate, 1 vial of control vector cell lysate, and 1 vial of loading buffer. Each lysate vial contains 0.1 mg lysate in 0.1 ml (1 mg/ml) of RIPA Buffer (50 mM Tris-HCl pH7.5, 250 mM NaCl, 5 mM EDTA, 50 mM NaF, 1% NP40). The loading buffer vial contains 0.5 ml 2X SDS Loading Buffer (125 mM Tris-Cl, pH6.8, 10% glycerol, 4% SDS, 0.002% Bromophenol blue, 5% beta-mercaptoethanol).
Size	0.1 mg
Storage Instruction	Store at -80°C. Minimize freeze-thaw cycles. After addition of 2X SDS Loading Buffer, the lysates can be stored at -20°C. Product is guaranteed 6 months from the date of shipment.

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Applications

ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil the mixture for 10 min before loading (for membrane protein lysates, incubate the mixture at room temperature for 30 min). Load 5 ug lysate per lane.

GENE INFORMATION
Gene Name

HSD17B6 hydroxysteroid (17-beta) dehydrogenase 6 homolog (mouse) [Homo sapiens]

Official Symbol

HSD17B6

Synonyms

HSD17B6; hydroxysteroid (17-beta) dehydrogenase 6 homolog (mouse); hydroxysteroid (17 beta) dehydrogenase 6; 17-beta-hydroxysteroid dehydrogenase type 6; 3(alpha >beta) hydroxysteroid epimerase; 3 hydroxysteroid epimerase; HSE; NAD+ dependent 3 alpha hydroxysteroid dehydrogenase; oxidative 3 alpha hydroxysteroid dehydrogenase; oxidoreductase; retinol dehydrogenase; RODH; SDR9C6; short chain dehydrogenase/reductase family 9C; member 6; 17-beta-HSD6; 17-beta-HSD 6; 3-alpha->beta-HSE; 3-hydroxysteroid epimerase; beta-hydroxysteroid epimerase; 3(alpha->beta)-hydroxysteroid epimerase; beta)-hydroxysteroid epimerase; oxidative 3-alpha hydroxysteroid dehydrogenase; oxidative 3-alpha-hydroxysteroid-dehydrogenase; short chain dehydrogenase/reductase family 9C, member 6; NAD+ -dependent 3 alpha-hydroxysteroid dehydrogenase 3-hydroxysteroid epimerase;

Gene ID

8630

mRNA Refseq

NM_003725

Protein Refseq

NP_003716

MIM

606623

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UniProt ID	O14756
Chromosome Location	12q13
Pathway	Metabolic pathways, organism-specific biosystem; Retinol metabolism, organism-specific biosystem; Retinol metabolism, conserved biosystem; Steroid hormone biosynthesis, organism-specific biosystem; Steroid hormone biosynthesis, conserved biosystem;
Function	catalytic activity; electron carrier activity; estradiol 17-beta-dehydrogenase activity; nucleotide binding; oxidoreductase activity; retinol dehydrogenase activity; testosterone 17-beta-dehydrogenase (NAD+) activity;

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