

## Recombinant Human HSD17B12 cell lysate

Cat. No. HSD17B12-818HCL Lot. No. (See product label)

### SPECIFICATION

<b>Species</b>	Human
<b>Description</b>	The enzyme 17-beta hydroxysteroid dehydrogenase-12 (HSD17B12) uses NADPH to reduce 3-ketoacyl-CoA to 3-hydroxyacyl-CoA during the second step of fatty acid elongation.
<b>Size</b>	100 ul
<b>Storage Buffer</b>	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
<b>Applications</b>	Western Blot;

### GENE INFORMATION

<b>Gene Name</b>	HSD17B12 hydroxysteroid (17-beta) dehydrogenase 12 [ Homo sapiens ]
<b>Official Symbol</b>	HSD17B12
<b>Synonyms</b>	HSD17B12; hydroxysteroid (17-beta) dehydrogenase 12; estradiol 17-beta-dehydrogenase 12; 3 ketoacyl CoA reductase; KAR; SDR12C1; short chain dehydrogenase/reductase family 12C; member 1; 17-beta-HSD 12; 17beta-HSD type 12; 3-ketoacyl-CoA reductase; steroid dehydrogenase homolog; 17-beta-hydroxysteroid dehydrogenase 12; short chain dehydrogenase/reductase family 12C, member 1;

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<b>Gene ID</b>	51144
<b>mRNA Refseq</b>	NM_016142
<b>Protein Refseq</b>	NP_057226
<b>MIM</b>	609574
<b>UniProt ID</b>	Q53GQ0
<b>Chromosome Location</b>	11q11
<b>Pathway</b>	Biosynthesis of unsaturated fatty acids, organism-specific biosystem; Biosynthesis of unsaturated fatty acids, conserved biosystem; Fatty Acyl-CoA Biosynthesis, organism-specific biosystem; Fatty acid biosynthesis, elongation, endoplasmic reticulum, organism-specific biosystem; Fatty acid biosynthesis, elongation, endoplasmic reticulum, conserved biosystem; Fatty acid elongation, organism-specific biosystem; Fatty acid elongation, conserved biosystem;
<b>Function</b>	collagen binding; estradiol 17-beta-dehydrogenase activity; fibronectin binding; heparin binding; nucleotide binding; oxidoreductase activity;

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