

Recombinant Human HSD17B12 cell lysate

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

SPECIFICATION

Product Overview

Species	Human
Description	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.
Size	100 ul
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Applications	Western Blot;

GENE INFORMATION

Gene Name	HSD17B12 hydroxysteroid (17-beta) dehydrogenase 12 [Homo sapiens]
Official Symbol	HSD17B12
Synonyms	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,

 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

	member 1;
Gene ID	51144
mRNA Refseq	NM_016142
Protein Refseq	NP_057226
MIM	609574
UniProt ID	Q53GQ0
Chromosome Location	11q11
Pathway	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;
Function	collagen binding; estradiol 17-beta-dehydrogenase activity; fibronectin binding; heparin binding; nucleotide binding; oxidoreductase activity;