

Recombinant Mouse Hsd17b6 Protein, Myc/DDK-tagged

Cat. No. Hsd17b6-3444M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length hydroxysteroid (17-beta) dehydrogenase 6 (Hsd17b6), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	NAD-dependent oxidoreductase with broad substrate specificity that shows both oxidative and reductive activity (in vitro). Has 17-beta-hydroxysteroid dehydrogenase activity towards various steroids (in vitro). Converts 5-alpha-androstan-3-alpha,17-beta-diol to androsterone and estradiol to estrone (in vitro). Has 3-alpha-hydroxysteroid dehydrogenase activity towards androsterone (in vitro). Has retinol dehydrogenase activity towards all-trans-retinol (in vitro).
Molecular Mass	36.6 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method

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Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name [Hsd17b6 hydroxysteroid \(17-beta\) dehydrogenase 6 \[Mus musculus \(house mouse\) \]](#)

Official Symbol [Hsd17b6](#)

Synonyms

HSD17B6; hydroxysteroid (17-beta) dehydrogenase 6; 17-beta-hydroxysteroid dehydrogenase type 6; 17-beta-HSD6; 17-beta-HSD9; 17-beta-HSD 6; 3-alpha->beta-HSE; beta-hydroxysteroid epimerase; hydroxysteroid 17-beta dehydrogenase 9; hydroxysteroid (17-beta) dehydrogenase 9; oxidative 3-alpha hydroxysteroid dehydrogenase; Rdh8; Hsd17b9; 17betaHSD9;

Gene ID [27400](#)

mRNA Refseq [NM_013786](#)

Protein Refseq [NP_038814](#)

UniProt ID [Q9R092](#)

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