

Recombinant Mouse Hsd17b11 Protein, MYC/DDK-tagged

Cat. No. Hsd17b11-524M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of full-length mouse hydroxysteroid (17-beta) dehydrogenase 11 (Hsd17b11), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Can convert androstan-3-alpha,17-beta-diol (3-alpha-diol) to androsterone in vitro, suggesting that it may participate in androgen metabolism during steroidogenesis. May act by metabolizing compounds that stimulate steroid synthesis and/or by generating metabolites that inhibit it. Has no activity toward DHEA (dehydroepiandrosterone), or A-dione (4-androste-3,17-dione), and only a slight activity toward testosterone to A-dione.
Molecular Mass	32.9 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 Hsd17b11 hydroxysteroid (17-beta) dehydrogenase 11 [Mus musculus (house mouse)]

Official Symbol Hsd17b11

Synonyms Hsd17b11; hydroxysteroid (17-beta) dehydrogenase 11; SDR2; Dhhs8; Pan1b; retSDR2; estradiol 17-beta-dehydrogenase 11; 17-beta-HSD 11
17-beta-HSD XI; 17-beta-hydroxysteroid dehydrogenase 11; 17-beta-hydroxysteroid dehydrogenase XI; 17bHSD11; 17beta-HSD11; 17betaHSD11; 17betaHSDXI; dehydrogenase/reductase (SDR family) member 8; retinal short-chain dehydrogenase/reductase 2; retinal short-chain dehydrogenase/reductase SDR2; EC 1.1.1.62

Gene ID 114664

mRNA Refseq NM_053262

Protein Refseq NP_444492

UniProt ID Q9EQ06

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