

Recombinant Mouse Dhhrs11 Protein, Myc/DDK-tagged

Cat. No. Dhhrs11-2549M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length dehydrogenase/reductase (SDR family) member 11 (Dhhrs11), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Catalyzes the conversion of the 17-keto group of estrone, 4- and 5-androstenes and 5-alpha-androstanes into their 17-beta-hydroxyl metabolites and the conversion of the 3-keto group of 3-, 3,17- and 3,20- diketosteroids into their 3-hydroxyl metabolites. Exhibits reductive 3-beta-hydroxysteroid dehydrogenase activity toward 5-beta-androstanes, 5-beta-pregnanes, 4-pregnenes and bile acids. May also reduce endogenous and exogenous alpha-dicarbonyl compounds and xenobiotic alicyclic ketones.
Molecular Mass	28.3 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.

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Concentration >50 µg/mL as determined by microplate BCA method

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

GENE INFORMATION

Gene Name Dhhrs11 dehydrogenase/reductase (SDR family) member 11 [Mus musculus (house mouse)]

Official Symbol Dhhrs11

Synonyms DHRS11; dehydrogenase/reductase (SDR family) member 11; dehydrogenase/reductase SDR family member 11; short-chain dehydrogenase/reductase; MGC18716

Gene ID 192970

mRNA Refseq NM_177564

Protein Refseq NP_808232

UniProt ID Q3U0B3

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