

Recombinant Mouse Dhhrs9 Protein, Myc/DDK-tagged

Cat. No. Dhhrs9-2552M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length dehydrogenase/reductase (SDR family) member 9 (Dhhrs9), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	3-alpha-hydroxysteroid dehydrogenase that converts 3-alpha-tetrahydroprogesterone (allopregnanolone) to dihydroxyprogesterone and 3-alpha-androstanediol to dihydroxyprogesterone. Plays also a role in the biosynthesis of retinoic acid. Can utilize both NADH and NADPH.
Molecular Mass	35.2 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
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name	Dhrs9 dehydrogenase/reductase (SDR family) member 9 [Mus musculus (house mouse)]
Official Symbol	Dhrs9
Synonyms	DHRS9; dehydrogenase/reductase (SDR family) member 9; dehydrogenase/reductase SDR family member 9; 3alpha-HSD; 3-alpha-HSD; epithelial retinol dehydrogenase; 3-alpha hydroxysteroid dehydrogenase; short-chain dehydrogenase/reductase retSDR8; Rdh15; C730025I08Rik
Gene ID	241452
mRNA Refseq	NM_175512
Protein Refseq	NP_780721
UniProt ID	Q58NB6

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