

Recombinant Mouse Rdh11 Protein, Myc/DDK-tagged

Cat. No. Rdh11-5444M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length retinol dehydrogenase 11 (Rdh11), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Exhibits an oxidoreductive catalytic activity towards retinoids. Most efficient as an NADPH-dependent all-trans-retinal reductase. Also involved in the metabolism of short-chain aldehydes.
Molecular Mass	35.1 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.

GENE INFORMATION

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Gene Name	Rdh11 retinol dehydrogenase 11 [Mus musculus (house mouse)]
Official Symbol	Rdh11
Synonyms	RDH11; retinol dehydrogenase 11; ralR1; all-trans and 9-cis; retinal reductase 1; ubiquitously expressing; short-chain aldehyde dehydrogenase; cell line MC/9.IL4-derived protein 1; short-chain dehydrogenase/reductase 1; cell line MC/9.IL4 derived transcript 1; prostate short-chain dehydrogenase/reductase 1; androgen-regulated short-chain dehydrogenase/reductase 1; Mdt1; Psdr1; SCALD; Arsdr1; C85936; CGI-82; HCBP12; M42C60; Ube-1c; UBE-1c1; AI428145; AU045252; 2610319N22Rik
Gene ID	17252
mRNA Refseq	NM_021557
Protein Refseq	NP_067532
UniProt ID	Q9QYF1

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