

Recombinant Mouse Rdh10 Protein, Myc/DDK-tagged

Cat. No. Rdh10-5443M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length retinol dehydrogenase 10 (all-trans) (Rdh10), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Retinol dehydrogenase with a clear preference for NADP. Converts all-trans-retinol to all-trans-retinal. Has no detectable activity towards 11-cis-retinol, 9-cis-retinol and 13-cis-retinol. Required for normal embryonic development.
Molecular Mass	38.1 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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Gene Name	Rdh10 retinol dehydrogenase 10 (all-trans) [Mus musculus (house mouse)]
Official Symbol	Rdh10
Synonyms	RDH10; retinol dehydrogenase 10 (all-trans); retinol dehydrogenase 10; m366Asp; AI875664; AW549993; D1Ert762e; 3110069K09Rik; 4921506A21Rik
Gene ID	98711
mRNA Refseq	NM_133832
Protein Refseq	NP_598593
UniProt ID	Q8VCH7

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