Recombinant Mouse Adh7 Protein, MYC/DDK-tagged

Cat. No. Adh7-542M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of full-length mouse alcohol dehydrogenase 7 (class IV), mu or sigma polypeptide (Adh7), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Could function in retinol oxidation for the synthesis of retinoic acid, a hormone important for cellular differentiation.
Molecular Mass	39.9 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
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

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Gene Name	Adh7 alcohol dehydrogenase 7 (class IV), mu or sigma polypeptide [Mus musculus (house mouse)]
Official Symbol	Adh7
Synonyms	Adh7; alcohol dehydrogenase 7 (class IV), mu or sigma polypeptide; Adh3; Adh4; Adh-3; Adt-1; Adh-3e; Adh-3t; Adh3-e; Adh3-t; AI325182; all-trans-retinol dehydrogenase [NAD(+)] ADH7; ADH-C2; IV ADH; alcohol dehydrogenase 3 complex; alcohol dehydrogenase 3 temporal; alcohol dehydrogenase 4; alcohol dehydrogenase class 4 mu/sigma chain; alcohol dehydrogenase class IV mu/sigma chain; gastric alcohol dehydrogenase; omega-hydroxydecanoate dehydrogenase ADH7; retinol dehydrogenase; EC 1.1.1.1; EC 1.1.1.105; EC 1.1.1.66
Gene ID	11529
mRNA Refseq	NM_009626
Protein Refseq	NP_033756
UniProt ID	Q64437

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