

Recombinant Mouse Adh5 Protein, MYC/DDK-tagged

Cat. No. Adh5-543M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of full-length mouse alcohol dehydrogenase 5 (class III), chi polypeptide (Adh5), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Class-III ADH is remarkably ineffective in oxidizing ethanol, but it readily catalyzes the oxidation of long-chain primary alcohols and the oxidation of S-(hydroxymethyl) glutathione.
Molecular Mass	39.5 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	Adh5 alcohol dehydrogenase 5 (class III), chi polypeptide [Mus musculus (house mouse)]
Official Symbol	Adh5
Synonyms	Adh5; alcohol dehydrogenase 5 (class III), chi polypeptide; Adh3; Adh-5; GSNOR; alcohol dehydrogenase class-3; ADH-B2; FALDH; FDH; GSH-FDH; S-(hydroxymethyl)glutathione dehydrogenase; S-nitrosoglutathione reductase; alcohol dehydrogenase 2; alcohol dehydrogenase B2; alcohol dehydrogenase class-III; glutathione-dependent formaldehyde dehydrogenase; EC 1.1.1.1; EC 1.1.1.284
Gene ID	11532
mRNA Refseq	NM_007410
Protein Refseq	NP_031436
UniProt ID	P28474

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