

Recombinant Human ADH1A Protein, MYC/DDK-tagged

Cat. No. ADH1A-1367H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human ADH1A protein, fused to MYC/DDK tag at C-terminus, was expressed in HEK293.
Species	Human
Source	HEK293
Description	This gene encodes a member of the alcohol dehydrogenase family. The encoded protein is the alpha subunit of class I alcohol dehydrogenase, which consists of several homo- and heterodimers of alpha, beta and gamma subunits. Alcohol dehydrogenases catalyze the oxidation of alcohols to aldehydes. This gene is active in the liver in early fetal life but only weakly active in adult liver. This gene is found in a cluster with six additional alcohol dehydrogenase genes, including those encoding the beta and gamma subunits, on the long arm of chromosome 4. Mutations in this gene may contribute to variation in certain personality traits and substance dependence. [provided by RefSeq, Nov 2010].
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.
Molecular Mass	39.7 kDa
Purity	>50 ug/mL as determined by microplate BCA method
Concentration	>50 ug/mL as determined by microplate BCA method

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GENE INFORMATION

Gene Name	ADH1A alcohol dehydrogenase 1A (class I), alpha polypeptide [Homo sapiens]
Official Symbol	ADH1A
Synonyms	ADH1; ADH1
Gene ID	124
mRNA Refseq	NM_000667
Protein Refseq	NP_000658
MIM	103700
UniProt ID	P07327

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