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ADH5 Protein (Myc-DYKDDDDK Tag)



Image



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Quantity:	20 μg
Target:	ADH5
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ADH5 protein is labelled with Myc-DYKDDDDK Tag.
Application:	Antibody Production (AbP), Standard (STD)
Product Details	
Characteristics:	 Recombinant human Alcohol dehydrogenase 5 / ADH5 protein expressed in HEK293 cells. Produced with end-sequenced ORF clone
Purity:	> 80 % as determined by SDS-PAGE and Coomassie blue staining
Target Details	
Target:	ADH5
Alternative Name:	Alcohol Dehydrogenase 5 (Adh5) (ADH5 Products)
Background:	This gene encodes a member of the alcohol dehydrogenase family. Members of this family metabolize a wide variety of substrates, including ethanol, retinol, other aliphatic alcohols, hydroxysteroids, and lipid peroxidation products. The encoded protein forms a homodimer. It has virtually no activity for ethanol oxidation, but exhibits high activity for oxidation of long-chain primary alcohols and for oxidation of S-hydroxymethyl-glutathione, a spontaneous adduct

Target Details

between formaldehyde and glutathione. This enzyme is ar	n important component of cellular
metabolism for the elimination of formaldehyde, a potent	irritant and sensitizing agent that
causes lacrymation, rhinitis, pharyngitis, and contact derm	natitis. The human genome contains
several non-transcribed pseudogenes related to this gene.	

Molecular Weight:	39.5 kDa
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NCBI Accession: NP_000662

Application Details

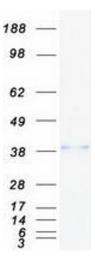
Application Notes:	Recombinant human proteins can be used for:
	Native antigens for optimized antibody production
	Positive controls in ELISA and other antibody assays
Comment:	The tag is located at the C-terminal.

Restrictions: For Research Use only

Handling

Concentration:	50 μg/mL
Buffer:	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.
Storage:	-80 °C
Storage Comment: Store at -80°C. Thaw on ice, aliquot to individual single-use tubes, and then re-freeze immediately. Only 2-3 freeze thaw cycles are recommended.	

Images



Western Blotting

Image 1. Validation with Western Blot