

ADH6 Protein, Human

Cat. No.:	HY-P701931
Synonyms:	ADH6; Alcohol dehydrogenase 6
Species:	Human
Source:	E. coli
Accession:	P28332 (M1-W368)
Gene ID:	130
Molecular Weight:	

PROPERTIES

Appearance	Solution.
Formulation	Supplied as a 0.22 µm filtered solution of 50 mM Tris-HCl, pH7.5, 200 mM NaCl, 20% glycerol.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	Please use rapid thawing with running water to thaw the protein.
Storage & Stability	Stored at -80°C for 1 year. It is stable at -20°C for 3 months after opening. It is recommended to freeze aliquots at -80°C for extended storage. Avoid repeated freeze-thaw cycles.
Shipping	Shipping with dry ice.

DESCRIPTION

Background	ADH6, identified as alcohol dehydrogenase, plays a crucial role in cellular metabolism by catalyzing the NAD-dependent oxidation of primary alcohols to their respective aldehydes and facilitating the oxidation of secondary alcohols to the corresponding ketones. The enzyme's activity is vital in alcohol metabolism, contributing to the conversion of diverse alcohol substrates in cellular processes. Through its catalytic function, ADH6 participates in maintaining cellular redox balance and is integral to the intricate network of alcohol-related metabolic pathways.
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Caution: Product has not been fully validated for medical applications. For research use only.

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