

Recombinant Full Length Human ADH1B Protein

Cat. No. ADH1B-08HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human ADH1B with N terminal proprietary tag. Predicted MW 66.99 kDa.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	375 amino acids
Description	The protein encoded by this gene is a member of the alcohol dehydrogenase family. Members of this enzyme family metabolize a wide variety of substrates, including ethanol, retinol, other aliphatic alcohols, hydroxysteroids, and lipid peroxidation products. This encoded protein, consisting of several homo- and heterodimers of alpha, beta, and gamma subunits, exhibits high activity for ethanol oxidation and plays a major role in ethanol catabolism. Three genes encoding alpha, beta and gamma subunits are tandemly organized in a genomic segment as a gene cluster.
Form	Liquid
Molecular Mass	66.990kDa inclusive of tags
AA Sequence	MSTAGKVIKC KAAVLWEVKK PFSIEDVEVA PPKAYEVRIK MVAVGICRTD DHHVSGNLVT PLPVILGHEA AGIVESVGEG VTTVKPGDKV IPLFTPQCGK CRVCKNPESN YCLKNDLGNP RGTLDQGTRR FTCRGKPIHH FLGTSTFSQY TVVDENAVAK IDAASPLEKV CLIGCGFSTG YGSAVNVAKV TPGSTCAVFG

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LGGVGLSAVM GCKAAGAARI IAVDINKDKF AKAKELGATE CINPQDYKKP
 IQEVLKEMTD GGVD FSFEVI GRLDTMMASL LCCHEACGTS VIVGVPPASQ
 NLSINPMLLL TGRTWKGAVY GGFKSKEGIP KLVADFMakk FSLDALITHV
 LPFEKINEGF DLLHSGKSIR TVLTF

Purity	Proprietary Purification
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80 centigrade. Avoid freeze / thaw cycles.
Storage Buffer	pH: 8.00. Constituents: 0.3% Glutathione, 0.79% Tris HCl.

GENE INFORMATION

Gene Name	ADH1B alcohol dehydrogenase 1B (class I), beta polypeptide [Homo sapiens]
Official Symbol	ADH1B
Synonyms	ADH1B; alcohol dehydrogenase 1B (class I), beta polypeptide; ADH2; alcohol dehydrogenase 1B
Gene ID	125
mRNA Refseq	NM_000668
Protein Refseq	NP_000659
MIM	103720
UniProt ID	P00325

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