

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 DHVVSGNLVT PLPVILGHEA AGIVESVGEV VTTVKPGDKV IPLFTPQCGK CRVCKNPESN YCLKNDLGNP RGTLDGTRR FTCRGKPIHH FLGTSTFSQY TVVDENAVAK IDAASPLEKV CLIGCGFSTG YGSAVNVAKV TPGSTCAVFG

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LGGVGLSAVM GCKAAGAARI IAVDINKDKF AKAKELGATE CINPQDYKKP
 IQEVLKEMTD GGVDFFSEVI GRLDTMMASL LCCHEACGTS VIVGVPPASQ
 NLSINPMLLL TGRTWKGAVY GGFKSKEGIP KLVADFMMAK 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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