

Recombinant Full Length Human ADH1C Protein

Cat. No. ADH1C-09HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human ADH1C with N terminal proprietary tag. Predicted MW 67.32 kDa.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	375 amino acids
Description	This gene encodes class I alcohol dehydrogenase, gamma subunit, which 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. Class I alcohol dehydrogenase, 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	67.320kDa inclusive of tags
AA Sequence	MSTAGKVIKC KAAVLWELKK PFSIEEVEVA PPKAHEVRIK MVAAGICRSD EHVVSIGNLVT PLPVILGHEA AGIVESVGEV VTTVKPGDKV IPLFTPQCGK CRICKNPESN YCLKNDLGNP RGTLQDGTRR FTCSGKPIHH FVGSTFSQY

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TVVDENAVAK IDAASPLEKV CLIGCGFSTG YGSAVKVAKV TPGSTCAVFG
 LGGVGLSVVM GCKAAGAARI IAVDINKDKF AKAKELGATE CINPQDYKKP
 IQEVLKEMTD GGVD FSFEVI GRLDTMMASL LCCHEACGTS VIVGVPPDSQ
 NLSINPMLLL TGRTWKGAIF GGFKSKESVP KLVADFMACK FSLDALITNI
 LPFEKINEGF DLLRSGKSIR 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	ADH1C alcohol dehydrogenase 1C (class I), gamma polypeptide [Homo sapiens]
Official Symbol	ADH1C
Synonyms	ADH1C; alcohol dehydrogenase 1C (class I), gamma polypeptide; ADH3; alcohol dehydrogenase 1C
Gene ID	126
mRNA Refseq	NM_000669
Protein Refseq	NP_000660
MIM	103730
UniProt ID	P00326