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ADH1C, 1-375aa, Human, His-tag, Baculovirus

产品货号: TP01064

第三版

别名: Alcohol dehydrogenase 1C, ADH1C, ADH3

描述:ADH1C, also known as Alcohol dehydrogenase 1C, belongs to the zinc-containing 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. It is a monomeric and predominant in fetal and infant livers, becoming less active in gestation and only weakly active during adulthood. Recombinant human ADH1C protein, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

配方:Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.

分子量:40.6kDa (381aa), 40-57KDa (SDS-PAGE under reducing conditions.)

序列:

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MSTAGKVIKCKAAVLWELKKPFSIEEVEVAPPKAHEVRIKMVAAGICRSDEHVVSIGNLVTPLPVILGHEAAGIVESVGEGV  
TTVKPGDKVIPLFTPQCGKCRICKNPESNYCLKNDLGNPRGTLQDGTRRFTCSGKPIHHFVGVSTFSQYTVVDENAVAKI  
DAASPLEKVCLIGCGFSTGYGSAVKVAKVTPGSTCAVFLGGVGLSVVMGCKAAGAARIAVDINKDKFAKAKELGATEC  
INPQDYKKPIQEVLKEMTDGGVDFSFEVIGRLDTMMASLLCCHEACGTSVIVGVPPDSQNLNINPMLLLTGRTWKGAIFG  
GFKSKESVPKLVADFMAKKFSLDALITNILPFEKINEGFDLLRSGKSIRTVLTFHHHHHH
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纯度:> 95% by HPLC

浓度:1mg/ml (determined by Absorbance at 280nm)

内毒素:<1.0 EU per 1 ug of protein (determined by LAL method)

存储:+4 ° C 保存 (1-2 周). 长期保存在-20 ° C或者-70 ° C. 避免反复冻融.