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ADH1A, 1-375aa, Human, His-tag, Baculovirus

产品货号: TP01062

第三版

别名: Alcohol dehydrogenase 1A, ADH1A, ADH1

描述: ADH1A, also known as alcohol dehydrogenase 1A, belongs to the alcohol dehydrogenase family. It plays a key role in hepatic alcohol catabolism. Its activity may be the cause of disorders in metabolic pathways that use these isoenzymes and could increase the concentration of acetaldehyde, which is cancerogenic substance. It is positively correlated with those of CDR1, CDR2 and FLU1. Recombinant human ADH1A, 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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MSTAGKVIKCKAAVLWELKKPFSIEEVEVAPPKAHEVRIKMVAVGICGTDDHVVS GMTMVTPLPVILGHEAAGIVESV GEG  
VTTVKPGDKVIPLAIPQC GKCRICKNPESNYCLKNDVSNPQGT LQDGTSRFTCRRKPIHHFLGISTFSQYTVVDENAVAKI  
DAASPLEKVCLIGCGFSTGYGS AVNVAKVTPGSTCAVFLGGVGLS AIMGCKAAGAARI IAVDINKDKFAKAKELGATECI  
NPQDYKKPIQEVLKEMTDGGV DFSFEVIGRLDTMMASLLCCHEACGTSVIVGV PPD SQNLSMNPMLLLTGRTWKGAILG  
GFKSKECVPKLVADFM AKKFSLDALITHVLPFEKINEGFDLLHSGKSIR TILMFHHHHHH
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纯度: > 95% by HPLC

浓度: 0.5mg/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.