Datasheet for ABIN5854755

ADH1C Protein (AA 1-375) (His tag)

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Overview

Quantity:	50 µg
Target:	ADH1C
Protein Characteristics:	AA 1-375
Origin:	Human
Source:	Baculovirus infected Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ADH1C protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	MSTAGKVIKC KAAVLWELKK PFSIEEVEVA PPKAHEVRIK MVAAGICRSD EHVVSGNLVT PLPVILGHEA AGIVESVGEG VTTVKPGDKV IPLFTPQCGK CRICKNPESN YCLKNDLGNP RGTLQDGTRR FTCSGKPIHH FVGVSTFSQY TVVDENAVAK IDAASPLEKV CLIGCGFSTG YGSAVKVAKV TPGSTCAVFG LGGVGLSVVM GCKAAGAARI IAVDINKDKF AKAKELGATE CINPQDYKKP IQEVLKEMTD GGVDFSFEVI GRLDTMMASL LCCHEACGTS VIVGVPPDSQ NLSINPMLLL TGRTWKGAIF GGFKSKESVP KLVADFMAKK FSLDALITNI LPFEKINEGF DLLRSGKSIR TVLTFHHHHH H
Purity:	> 95 % by SDS - PAGE
Endotoxin Level:	< 1.0 EU per 1 microgram of protein (determined by LAL method)

Target Details

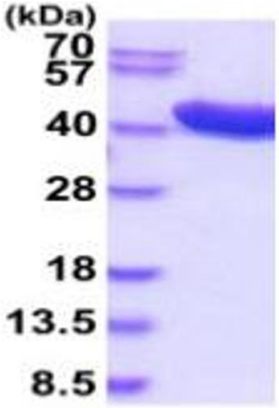
Target:	ADH1C
Alternative Name:	ADH1C (ADH1C Products)
Background:	ADH1C, also known as Alcohol dehydrogenase 1C, belongs to the zinc-containing alcohol dehydrogenase family. Members of this enzyme family metabolize a wide variety of substrates, including ethanol, retinol, other aliphatic alcohols, hydroxysteroids, 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 monomorphic 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.
Molecular Weight:	40.6kDa (381aa) 40-57KDa (SDS-PAGE under reducing conditions.)
NCBI Accession:	NP_000660
UniProt:	P00326

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10 % glycerol.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.



15% SDS-PAGE (3ug)

SDS-PAGE

Image 1.

