

Datasheet for ABIN5854753

**ADH1A Protein (AA 1-375) (His tag)****1** Image[Go to Product page](#)

## Overview

Quantity:	50 µg
Target:	ADH1A
Protein Characteristics:	AA 1-375
Origin:	Human
Source:	Baculovirus infected Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ADH1A protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

## Product Details

Sequence:	MSTAGKVIKC KAAVLWELKK PFSIEEVEVA PPKAHEVRIK MVAVGICGTD DHVVS GMTMT PLPVILGHEA AGIVESVGEG VTTVKPGDKV IPLAIPQCGK CRICKNPESN YCLKNDVSNP QGTLDGTSR FTCRRKPIHH FLGISTFSQY TVDENAVAK IDAASPLEKV CLIGCGFSTG YGSVNVAKV TPGSTCAVFG LGGVGLSAIM GCKAAGAARI IAVDINKDKF AKAKELGATE CINPQDYKKP IQEVLKEMTD GGVDFSFEVI GRLDTMMASL LCCHEACGTS VIVGVPPDSQ NLSMNPMLLL TGRTWKGAIL GGFKSKECVP KLVADFMAKK FSLDALITHV LPFEKINEGF DLLHSGKSIR TILMFHHHHH H
Purity:	> 95 % by SDS - PAGE
Endotoxin Level:	< 1.0 EU per 1 microgram of protein (determined by LAL method)

## Target Details

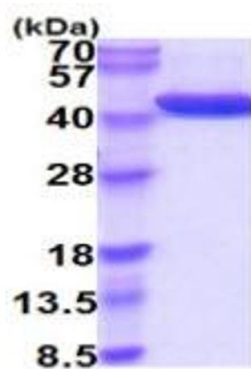
Target:	ADH1A
Alternative Name:	ADH1A ( <a href="#">ADH1A Products</a> )
Background:	ADH1A, also known as alcohol dehydrogenase 1A, belongs to the alcohol dehydrogenase family. It plays a key role in hepatic alcohol catabolism. Its activity may be the cause of disorders in metabolic pathways that use 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.
Molecular Weight:	40.6kDa (381aa) 40-57kDa (SDS-PAGE under reducing conditions)
NCBI Accession:	<a href="#">NP_000658</a>
UniProt:	<a href="#">P07327</a>

## Application Details

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

## Handling

Format:	Liquid
Concentration:	0.5 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.