Datasheet for ABIN667689

ADH1A Protein (AA 1-375) (His tag)

1 Image

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Overview

Quantity:	100 µg
Target:	ADH1A
Protein Characteristics:	AA 1-375
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This ADH1A protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Characteristics:	ADH1A, 1-375aa , Human, His tag, E.coli
Purity:	> 90 % by SDS - PAGE

Target Details

Target:	ADH1A
Alternative Name:	ADH1A (ADH1A Products)
Background:	Alcohol dehydrogenase 1A, also known as ADH1A, belongs to the alcohol dehydrogenase family. ADH1 is a monomorphic and predominant in fetal and infant livers, becoming less active in gestation and only weakly active during adulthood. ADH1A plays a major role in ethanol metabolism. With the coenzyme NAD, ADH catalyzes the reversible conversion of organic alcohols to ketones or aldehydes. The physiologic function for ADH1A in the liver is the removal

Target Details

	of ethanol formed by microorganisms in the intestinal tract. Recombinant human ADH1A protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques. Synonyms: ADH1. NCBI no.: NP_000658
Molecular Weight:	42 kDa (395aa) confirmed by MALDI-TOF

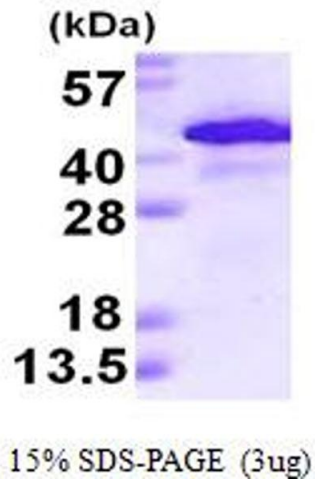
Application Details

Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/ml (determined by Bradford assay)
Buffer:	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 1mM DTT, 10% glycerol, 0.1M NaCl
Storage:	4 °C

Images



SDS-PAGE

Image 1.