

Datasheet for ABIN666958

**HADH Protein (AA 13-314) (His tag)**[Go to Product page](#)**1** Image

## Overview

Quantity:	100 µg
Target:	HADH
Protein Characteristics:	AA 13-314
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This HADH protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

## Product Details

Characteristics:	HADH, 13-314aa, Human, His tag, E.coli
Purity:	> 95 % by SDS - PAGE

## Target Details

Target:	HADH
Alternative Name:	HADH ( <a href="#">HADH Products</a> )
Background:	HADH, which belongs to the family of oxidoreductases, is important for converting certain fats to energy. This protein is an enzyme that catalyzes the chemical reaction. ((S)-3-hydroxyacyl-CoA + NAD+ <=>3-oxoacyl-CoA + NADH + H+ ) It is also involved in a process called fatty acid oxidation, in which several enzymes work in a step-wise fashion to break down (metabolize) fats and convert them to energy. Recombinant HADH protein was expressed in E.coli and

## Target Details

---

purified by using conventional chromatography techniques. Synonyms: HAD, HADH1, HHF4, M/SCHAD, SCHAD, Hydroxyacyl-coenzyme A dehydrogenase, mitochondrial Hydroxyacyl Coenzyme A dehydrogenase type II, Mitochondrial L3 Hydroxyacyl CoA Dehydrogenase, 17 beta hydroxysteroid dehydrogenase 10, 17 beta hydroxysteroid dehydrogenase type 10, 3 hydroxy 2 methylbutyryl CoA dehydrogenase, 3 hydroxyacyl CoA dehydrogenase type 2, 3 hydroxyacyl CoA dehydrogenase type II, AB binding alcohol dehydrogenase, 17b HSD10, ABAD, Ads9, Amyloid beta binding polypeptide, Amyloid beta peptide binding alcohol dehydrogenase, Amyloid beta peptide binding protein, CAMR, DUPXp11.22, Endoplasmic Reticulum Amyloid Binding Protein, Endoplasmic reticulum associated amyloid beta peptide binding protein, ER associated a+myloid beta-binding protein, ERAB, HADH 2, HADH2, HCD 2, HCD2, HSD17B10, Hydroxyacyl CoA Dehydrogenase type II, Hydroxysteroid (17 beta) dehydrogenase 10, Mental retardation X linked syndromic 11, MHBD, Mitochondrial ribonuclease P protein 2, Mitochondrial RNase P protein 2, MRPP2, MRX17, Short chain dehydrogenase/reductase family 5C member 1, SDR5C1, Short chain L 3 hydroxyacyl CoA dehydrogenase type 2, Short chain type dehydrogenase/reductase XH98G2, Type 10 17b HSD, Type 10 17beta hydroxysteroid dehydrogenase, Type II HADH, XH98G2. NCBI no.: AAH00306

---

Molecular Weight: 35.1 kDa (323aa), confirmed by MALDI-TOF.

---

Pathways: [Negative Regulation of Hormone Secretion](#), [Monocarboxylic Acid Catabolic Process](#)

## Application Details

---

Restrictions: For Research Use only

## Handling

---

Format: Liquid

---

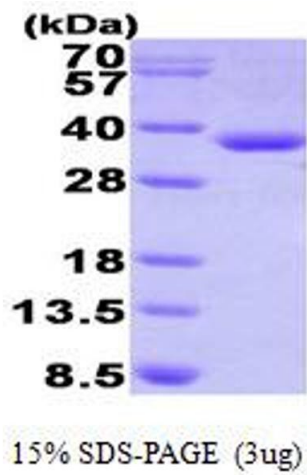
Concentration: 1.0 mg/ml (determined by Bradford assay)

---

Buffer: Liquid. 20mM Tris-HCl buffer (pH8.0) containing 20% glycerol, 0.1M NaCl

---

Storage: 4 °C



### SDS-PAGE

Image 1.