

# Product datasheet for AR09400PU-N

# HADH / HCDH (13-314, His-tag) Human Protein

### **Product data:**

#### OriGene Technologies, Inc.

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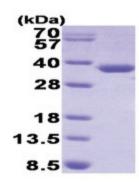
Recombinant Proteins
HADH / HCDH (13-314, His-tag) human recombinant protein, 0.1 mg
Human
E. coli
<u>MGSSHHHHHH SSGLVPRGSH M</u> SSSSTASAS AKKIIVKHVT VIGGGLMGAG IAQVAAATGH TVVLVDQTED ILAKSKKGIE ESLRKVAKKK FAENPKAGDE FVEKTLSTIA TSTDAASVVH STDLVVEAIV ENLKVKNELF KRLDKFAAEH TIFASNTSSL QITSIANATT RQDRFAGLHF FNPVPVMKLV EVIKTPMTSQ KTFESLVDFS KALGKHPVSC KDTPGFIVNR LLVPYLMEAI RLYERGDASK EDIDTAMKLG AGYPMGPFEL LDYVGLDTTK FIVDGWHEMD AENPLHQPSP SLNKLVAENK FGKKTGEGFY KYK
His-tag
35.1 kDa
lot specific
>95% by SDS-PAGE
Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 20% glycerol, 0.1 M NaCl
Liquid purified protein
Recombinant HADH protein, fused to His-tag, was expressed in E.coli and purified by using conventional chromatography techniques.
Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing.
Shelf life: one year from despatch.
<u>NP 001171634</u>
3033
<u>Q16836</u>
4q25
HAD; HADH1; HADHSC; HCDH; HHF4; MSCHAD; SCHAD



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	HADH / HCDH (13-314, His-tag) Human Protein – AR09400PU-N
Summary:	This gene is a member of the 3-hydroxyacyl-CoA dehydrogenase gene family. The encoded protein functions in the mitochondrial matrix to catalyze the oxidation of straight-chain 3- hydroxyacyl-CoAs as part of the beta-oxidation pathway. Its enzymatic activity is highest with medium-chain-length fatty acids. Mutations in this gene cause one form of familial hyperinsulinemic hypoglycemia. The human genome contains a related pseudogene of this gene on chromosome 15. [provided by RefSeq, May 2010]
Protein Pathway	<b>s:</b> Butanoate metabolism, Fatty acid elongation in mitochondria, Fatty acid metabolism, Lysine degradation, Metabolic pathways, Tryptophan metabolism, Valine, leucine and isoleucine degradation

## **Product images:**



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