

# Recombinant Full Length Human HADH Protein, GST-tagged

**Cat. No.** HADH-3446HF    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Human HADHSC full-length ORF ( AAH00306.1, 1 a.a. - 314 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	314 amino acids
<b>Description</b>	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. [provided by RefSeq]
<b>Molecular Mass</b>	60.28 kDa
<b>AA Sequence</b>	MAFVTRQFMRSVSSSSTASASAKKIIVKHVTVIGGGLMGAGIAQVAAATGHTVVLVD QTEDILAKSKKGIEESLRKVAKKKFAENPKAGDEFVEKTLSTIATSTDAASVVHSTD LV VEAIVENLKVKNELFKRLDKFAAEHTIFASNTSSLQITSIANATTRQDRFAGLHFFNPV PVMKLVEVIKTPMTSQKTFESLVDFSKALGKHPVSCKDTPGFIVNRLLVPYLM EAIRL YERGDASKEDIDTAMKLGAGYPMGPFELLDYVGLDTTKFIVDGWHEMDAENPLHQP SPSLNKLVAENKFGKKTGEGFYKYK

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<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
<b>Notes</b>	Best use within three months from the date of receipt of this protein.
<b>Storage</b>	Store at -8 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

## GENE INFORMATION

<b>Gene Name</b>	HADH hydroxyacyl-CoA dehydrogenase [ Homo sapiens ]
<b>Official Symbol</b>	HADH
<b>Synonyms</b>	HADH; hydroxyacyl-CoA dehydrogenase; HADHSC, hydroxyacyl Coenzyme A dehydrogenase , L 3 hydroxyacyl Coenzyme A dehydrogenase, short chain; hydroxyacyl-coenzyme A dehydrogenase, mitochondrial; HADH1; SCHAD; short-chain 3-hydroxyacyl-CoA dehydrogenase; L-3-hydroxyacyl-Coenzyme A dehydrogenase, short chain; medium and short-chain L-3-hydroxyacyl-coenzyme A dehydrogenase; HAD; HCDH; HHF4; HADHSC; MSCHAD; MGC8392;
<b>Gene ID</b>	3033
<b>mRNA Refseq</b>	NM_001184705
<b>Protein Refseq</b>	NP_001171634
<b>MIM</b>	601609



UniProt ID

Q16836

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