

Recombinant Full Length Human HADH Protein, GST-tagged

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

SPECIFICATION

Product Overview	Human HADHSC full-length ORF (AAH00306.1, 1 a.a. - 314 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	314 amino acids
Description	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
Molecular Mass	60.28 kDa
AA Sequence	MAFVTRQFMRSVSSSSTASASAKKIIVKHVTVIGGGLMGAGIAQVAAATGHTVVLVD QTEDILAKSKKGIEESLRKVAKKKFAENPKAGDEFVEKTLSTIATSTDAASVVHSTD LV VEAIVENLKVKNELFKRLDKFAAEHTIFASNTSSLQITSIANATTRQDRFAGLHFFNPV PVMKLVEVIKTPMTSQKTFESLVDFSKALGKHPVSCKDTPGFIVNRLLVPYLMEAIRL YERGDASKEDIDTAMKLGAGYPMGPFELLDYVGLDTTKFIVDGWHEMDAENPLHQP SPSLNKLVAENKFGKKTGEGFYKYK

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -8 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	HADH hydroxyacyl-CoA dehydrogenase [Homo sapiens]
Official Symbol	HADH
Synonyms	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;
Gene ID	3033
mRNA Refseq	NM_001184705
Protein Refseq	NP_001171634
MIM	601609

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

UniProt ID

Q16836

 Tel: 1-631-559-9269 1-516-512-3133 Email: info@creative-biomart.com  Fax: 1-631-938-8127 45-1 Ramsey Road, Shirley, NY 11967, USA