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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

HADHA (Human) Recombinant Protein (P01)

Catalog Number: H00003030-P01

Regulation Status: For research use only (RUO)

Product Description: Human HADHA full-length ORF (NP_000173.2, 1 a.a. - 763 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MVACRAIGILSRFSAFRILRSRGYICRNFTGSSALLTRT
HINYGVKGDVAVVRINSPNSKVNTLSKELHSEFSEVMN
EIWASDQIRSAVLISSKPGCFIAGADINMLAACKTLQEV
TQLSQAQRIVEKLEKSTKPIVAAINGSCLEGGLEVAIS
CQYRIATKDRKTVLGTPEVLLGALPGAGGTQRLPKMV
GVPAALDMMMLTGRSIRADRAKKMGLVDQLVEPLPGPL
KPPEERTIEYLEEVAITFAKGLADKKISPKRDKGLVEKL
TAYAMTIPFVRQQVYKVKVEEKVRKQTKGLYPAPLKIIDV
VKTGIEQGS DAGYLCESQKFGELVMTKESKALMGLYH
GQVLCCKNKFGAPQKDVKHLAILGAGLMGAGIAQVSV
DKGLKTLKDATLTALDRGQQQVFKGLNDKVKKKALTS
FERDSIFSNLTGQLDYQGFEEKADMVIEAVFEDLSLKHR
VLKEVEAVIPDHCIFASNTSALPISEIAAVSKRPEKVIGM
HYFSPVDKMQLEIITTEKTSKDTASAVAVGLKQGKVI
IVVKDGPFGFYTTTRCLAPMMSEVIRILQEGVDPKKLDSL
TTSFGFPVGAATLVDEVGVDVAKHVAEDLGKVFGERF
GGNPELLTQMVSCKGFLGRKSGKGFYIYQEGVKRKDL
NSDMDSILASLKLPPKSEVSSDEDIQFRLVTRFVNEAV
MCLQEGILATPAEGDIGAVFGLGFPPCLGGPFRFDLY
GAQKIVDRLKKYEAAYGKQFTPCQLLADHANS PNKKF
YQ

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 109.4

Applications: AP, Array, ELISA, WB-Re
(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

Storage Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 3030

Gene Symbol: HADHA

Gene Alias: ECHA, GBP, HADH, LCHAD, MGC1728, MTPA, TP-ALPHA

Gene Summary: This gene encodes the alpha subunit of the mitochondrial trifunctional protein, which catalyzes the last three steps of mitochondrial beta-oxidation of long chain fatty acids. The mitochondrial membrane-bound heterocomplex is composed of four alpha and four beta subunits, with the alpha subunit catalyzing the 3-hydroxyacyl-CoA dehydrogenase and enoyl-CoA hydratase activities. Mutations in this gene result in trifunctional protein deficiency or LCHAD deficiency. The genes of the alpha and beta subunits of the mitochondrial trifunctional protein are located adjacent to each other in the human genome in a head-to-head orientation. [provided by RefSeq]