

Recombinant Human EHHADH Protein, MYC/DDK-tagged

Cat. No. EHHADH-395H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human EHHADH fused with MYC/DDK tag at C-terminal was expressed in HEK293.
Species	Human
Source	HEK293
Description	The protein encoded by this gene is a bifunctional enzyme and is one of the four enzymes of the peroxisomal beta-oxidation pathway. The N-terminal region of the encoded protein contains enoyl-CoA hydratase activity while the C-terminal region contains 3-hydroxyacyl-CoA dehydrogenase activity. Defects in this gene are a cause of peroxisomal disorders such as Zellweger syndrome. Two transcript variants encoding different isoforms have been found for this gene.
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	79.3 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

Gene Name	EHHADH enoyl-CoA, hydratase/3-hydroxyacyl CoA dehydrogenase [Homo sapiens]
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Official Symbol	EHHADH
Synonyms	EHHADH; enoyl-CoA, hydratase/3-hydroxyacyl CoA dehydrogenase; ECHD, enoyl Coenzyme A, hydratase/3 hydroxyacyl Coenzyme A dehydrogenase; peroxisomal bifunctional enzyme; PBE; 3,2-trans-enoyl-CoA isomerase; peroxisomal enoyl-CoA hydratase; L-3-hydroxyacyl-CoA dehydrogenase; L-bifunctional protein, peroxisomal; enoyl-Coenzyme A, hydratase/3-hydroxyacyl Coenzyme A dehydrogenase; LBP; ECHD; LBFP; PBFE; L-PBE; MGC120586;
Gene ID	1962
mRNA Refseq	NM_001966
Protein Refseq	NP_001957
MIM	607037
UniProt ID	Q08426

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