

Recombinant Human HADHA

Catalog No: #GP11707



Package Size: #GP11707-1 100ug

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Description

Product Name	Recombinant Human HADHA
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 514-763 amino acids of human HADHA
Target Name	hydroxyacyl-CoA dehydrogenase/3-ketoacyl-CoA thiolase/enoyl-CoA hydratase (trifunctional protein), alpha subunit
Other Names	GBP; ECHA; HADH; LCEH; MTPA; LCHAD; TP-ALPHA
Accession No.	Swissprot:P40939Gene Accession:BC009235
Uniprot	P40939
GenID	3030;
Storage	-20~-80°C, pH 7.6 PBS

Background

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.

References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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