

Recombinant Human ECH1

Catalog No: #GP13328



Package Size: #GP13328-1 100ug

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

Product Name	Recombinant Human ECH1
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 34-328 amino acids of human ECH1
Target Name	enoyl-CoA hydratase 1
Other Names	HPXEL
Accession No.	Swissprot:Q13011Gene Accession:BC011792
Uniprot	Q13011
GeneID	1891;
Storage	-20~-80°C, pH 7.6 PBS

Background

This gene encodes a member of the hydratase/isomerase superfamily. The gene product shows high sequence similarity to enoyl-coenzyme A (CoA) hydratases of several species, particularly within a conserved domain characteristic of these proteins. The encoded protein, which contains a C-terminal peroxisomal targeting sequence, localizes to the peroxisome. The rat ortholog, which localizes to the matrix of both the peroxisome and mitochondria, can isomerize 3-trans,5-cis-dienoyl-CoA to 2-trans,4-trans-dienoyl-CoA, indicating that it is a delta3,5-delta2,4-dienoyl-CoA isomerase. This enzyme functions in the auxiliary step of the fatty acid beta-oxidation pathway. Expression of the rat gene is induced by peroxisome proliferators.

References

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

Note: This product is for in vitro research use only