

ECH1 抗原（重组蛋白）

中文名称：ECH1 抗原（重组蛋白）

英文名称： ECH1 Antigen (Recombinant Protein)

别名： HPXEL

储存： 冷冻（-20℃）

相关类别： 抗原

概述：

Fusion protein corresponding to a region derived from 34-328 amino acids of human ECH1

技术规格：

Full name:	enoyl-CoA hydratase 1
Synonyms:	HPXEL
Swissprot:	Q13011
Gene Accession:	BC011792
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
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

ion pathway. Expression of the rat gene is induced by peroxisome proliferators.