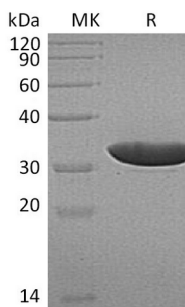


概述 (Summary)

英文全称	ECH1/Delta(3,5)-Delta(2,4)-dienoyl-CoA isomerase/mitochondrial
纯度 (Purity)	Greater than 95% as determined by reducing SDS-PAGE
内毒素 (Endotoxin level)	<1 EU/μg as determined by LAL test.
蛋白构建 (Construction)	Recombinant Human Delta(3,5)-Delta(2,4)-dienoyl-CoA isomerase, Mitochondrial is produced by our E.coli expression system and the target gene encoding Thr34-Leu328 is expressed with a 6His tag at the N-terminus.
Accession #	Q13011
蛋白标签 (Tag)	
表达宿主 (Host)	E.coli
种属 (Species)	Human
预测分子量 (Predicted MW)	34.5 KDa
蛋白形态 (Form)	Supplied as a 0.2 μm filtered solution of 20 mM Tris-HCl, 150 mM NaCl, 8% Trehalose, 0.05% tween80, pH8.5.
储存缓冲液 (Buffer)	
运输方式 (Shipping)	The product is shipped on dry ice/polar packs. Upon receipt, store it immediately at the temperature listed below.
稳定性&储存 (Stability &Storage)	Store at ≤ -70°C, stable for 6 months after receipt. Store at ≤ -70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
复溶 (Reconstitution)	

电泳图 (SDS-PAGE image)



背景 (Background)

Product Name: Recombinant Human ECH1 (N-6His)
Catalog #: PEH0549



分子别名 (Alternative Names)

Delta(3;5)-Delta(2;4)-dienoyl-CoA isomerase; mitochondrial; ECH1

背景介绍 (References)

Human delta(3,5)-Delta(2,4)-dienoyl-CoA isomerase(ECH1) is a member of the hydratase/isomerase superfamily and contains a C-terminal peroxisomal targeting sequence and localizes to peroxisomes. ECH1 shows high sequence similarity to enoyl-CoA hydratases of several species, particularly within a conserved domain characteristic of these proteins. The rat ortholog localizes to the matrix of both the peroxisome and mitochondria. It 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. ECH1 plays an important role in the auxiliary step of the fatty acid beta-oxidation pathway.

注意事项 (Note)

For Research Use Only , Not for Diagnostic Use.