

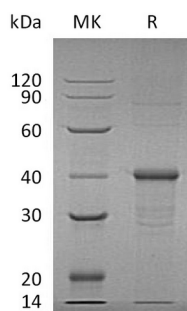
Product Name: Recombinant Human BDH1 (N-6His)
Catalog #: PEH0144



概述 (Summary)

英文全称	BDH1/D-β-hydroxybutyrate dehydrogenase
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 D-beta-Hydroxybutyrate Dehydrogenase Mitochondrial/BDH1 is produced by our E.coli expression system and the target gene encoding Met1-Arg343 is expressed with a 6His tag at the N-terminus.
Accession #	Q02338
蛋白标签 (Tag)	
表达宿主 (Host)	E.coli
种属 (Species)	Human
预测分子量 (Predicted MW)	40.3 KDa
蛋白形态 (Form)	Supplied as a 0.2 μm filtered solution of 50mM Tris-HCl, 1mM DTT, pH 7.5.
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 BDH1 (N-6His)
Catalog #: PEH0144



分子别名 (Alternative Names)

D-Beta-Hydroxybutyrate Dehydrogenase Mitochondrial; BDH; 3-Hydroxybutyrate Dehydrogenase; BDH

背景介绍 (References)

D-Beta-Hydroxybutyrate Dehydrogenase Mitochondrial (BDH) is a member of the short-chain dehydrogenases/reductases (SDR) family. BDH is localized in the mitochondrion matrix. BDH forms a homotetrameric lipid-requiring enzyme of the mitochondrial membrane and has a specific necessity for phosphatidylcholine for optimal enzymatic activity. BDH catalyzes the interconversion of acetoacetate and (R)-3-hydroxybutyrate, the 2 main ketone bodies formed during fatty acid catabolism.

注意事项 (Note)

For Research Use Only , Not for Diagnostic Use.