

BDH1 抗原（重组蛋白）

中文名称：BDH1 抗原（重组蛋白）

英文名称：BDH1 Antigen (Recombinant Protein)

别名：BDH; SBDH1 抗原（重组蛋白）BDH1 抗原（重组蛋白）DR9C1

储存：冷冻（-20℃）

相关类别：抗原

概述：

Fusion protein corresponding to C terminal 211 amino acids of human BDH1

技术规格：

Full name:	3-hydroxybutyrate dehydrogenase, type 1
Synonyms:	BDH; SDR9C1
Swissprot:	Q02338
Gene Accession:	BC011964
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 short-chain dehydrogenase/reductase gene family. The encoded protein forms a homotetrameric lipid-requiring enzyme of the mitochondrial membrane and has a specific requirement for phosphatidylcholine for optimal enzymatic activity. The encoded protein catalyzes the interconversion of acetoacetate and (R)-3-hydroxybutyrate, the two major ketone bodies produced during fatty acid catabolism. Alternatively spliced transcript variants encoding the same protein have been described.