BDH2 抗原（重组蛋白）

中文名称： BDH2 抗原（重组蛋白）

英文名称： BDH2 Antigen (Recombinant Protein)

别　名： DHRS6; EFA6R; SDR15C1; UCPA-OR; UNQ6308; PRO20933

储　存： 冷冻（-20℃）

相关类别： 抗原

概述

Full length fusion protein

技术规格

Full name:	3-hydroxybutyrate dehydrogenase, type 2
Synonyms:	DHRS6; EFA6R; SDR15C1; UCPA-OR; UNQ6308; PRO20933
Swissprot:	Q9BUT1
Gene Accession:	BC001953
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	DHRS6 (dehydrogenase/reductase SDR family member 6), also known as EFA6R, SDR15C1, UCPA-OR,UNQ6308 or BDH2, is a 245 amino acid cytoplasmic protein belonging to the short-chain dehydrogenases/reductases (SDR) family, an evolutionarily conserved family of oxidoreductases found in all forms of life. DHRS6 is a novel, cytosolic type II R-β-hydroxybute dehydrogenase that exists as two alternatively spliced isoforms and may have an essential role as a nutrient or building block in cellular survival. Human DHRS6 and its vertebrate orthologs show high levels of sequence identities to bacterial hydroxybutyrate dehydrogenases. DHRS6 may play an i

	mportant role in the peripheral utilization of 3-hydroxybutyrate and its cytoplasmic localization with its high ratio of oxidized NAD+, the NAD+ dependence and the kinetic parameters of DHRS6 make it suitable to convert high levels of circulating 3-hydroxybutyrate into acetoacetate.