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Datasheet for ABIN7318111

BDH2 Protein (His tag)



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Quantity:	50 μg
Target:	BDH2
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This BDH2 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human BDH2 Protein (His Tag)
Sequence:	Met 1-Leu245
Characteristics:	Recombinant Human 3-Hydroxybutyrate Dehydrogenase Type 2 is produced by our E.coli expression system and the target gene encoding Met1-Leu245 is expressed with a 6His tag at the N-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	BDH2
Alternative Name:	BDH2 (BDH2 Products)
Background:	Background: 3-Hydroxybutyrate Dehydrogenase Type 2 belongs to the short-chain
	dehydrogenases/reductases (SDR) family. 3-Hydroxybutyrate Dehydrogenase Type 2 may play

Target Details

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	an important role in the peripheral utilization of 3-hydroxybutyrate. The cytoplasmic localization
	with its high ratio of oxidized NAD+, the NAD+ dependence and the kinetic parameters of 3-
	Hydroxybutyrate Dehydrogenase Type 2 make it suitable to conbert high levels of circulating 3-
	hydroxybutyrate into acetoacetate.
	Synonym: 3-Hydroxybutyrate Dehydrogenase Type 2, Dehydrogenase/Reductase SDR Family
	Member 6, Oxidoreductase UCPA, R-Beta-Hydroxybutyrate Dehydrogenase, BDH2, DHRS6
Molecular Weight:	28.9 kDa
UniProt:	Q9BUT1
Pathways:	Transition Metal Ion Homeostasis, Monocarboxylic Acid Catabolic Process
Application Details	
Restrictions:	For Research Use only
Handling	
Format:	Frozen Liquid

Format:	Frozen, Liquid
Buffer:	Supplied as a 0.2 µm filtered solution of 20 mM TrisHCl, 100 mM NaCl, pH 8.0.
Storage:	-20 °C
Storage Comment:	Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.