

Recombinant Human BDH2 Protein (His Tag)

Catalog Number:PKSH032020



Note: Centrifuge before opening to ensure complete recovery of vial contents.

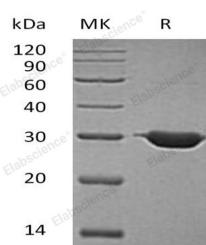
Description

Synonyms	3-Hydroxybutyrate Dehydrogenase Type 2;Dehydrogenase/Reductase SDR Family Member 6;Oxidoreductase UCPA;R-Beta-Hydroxybutyrate Dehydrogenase;BDH2;DHRS6
Species	Human
Expression Host	E.coli
Sequence	Met 1-Leu245
Accession	AAH01953.1
Calculated Molecular Weight	28.9 kDa
Observed molecular weight	30 kDa
Tag	N-His

Properties

Purity	> 95 % as determined by reducing SDS-PAGE.
Endotoxin	< 1.0 EU per μ g of the protein as determined by the LAL method.
Storage	Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.
Shipping	This product is provided as liquid. It is shipped at frozen temperature with blue ice/gel packs. Upon receipt, store it immediately at < - 20°C.
Formulation	Supplied as a 0.2 μ m filtered solution of 20mM Tris-HCl, 100mM NaCl, pH 8.0.
Reconstitution	Not Applicable

Data



> 95 % as determined by reducing SDS-PAGE.

Background

3-Hydroxybutyrate Dehydrogenase Type 2 belongs to the short-chain dehydrogenases/reductases (SDR) family. 3-Hydroxybutyrate Dehydrogenase Type 2 may play 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 convert high levels of circulating 3-hydroxybutyrate into acetoacetate.

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