

Recombinant Human BDH2 Protein (His Tag)

Catalog Number: PKSH032020

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

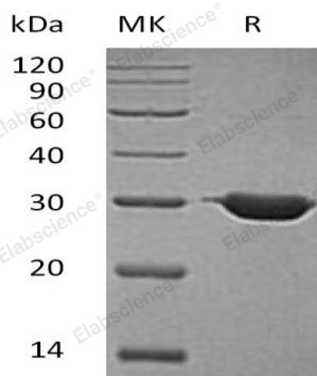
Description

Species	Human
Source	E.coli-derived Human BDH2 protein Met 1-Leu245, with an N-terminal His
Calculated MW	28.9 kDa
Observed MW	30 kDa
Accession	AAH01953.1
Bio-activity	Not validated for activity

Properties

Purity	> 95 % as determined by reducing SDS-PAGE.
Concentration	Subject to label value.
Endotoxin	< 1.0 EU per µg 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 µm filtered solution of 20mM Tris-HCl, 100mM NaCl, pH 8.0.

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.