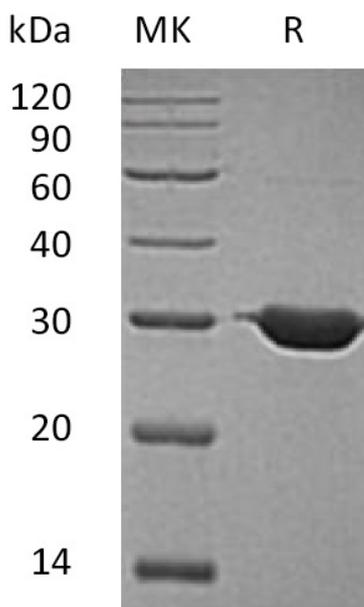


Summary

Name	BDH2/DHRS6
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/ μ g as determined by LAL test.
Construction	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.
Accession #	AAH01953.1
Host	E.coli
Species	Human
Predicted Molecular Mass	28.86 KDa
Formulation	Supplied as a 0.2 μ m filtered solution of 20mM Tris-HCl, 100mM NaCl, pH 8.0.
Shipping	The product is shipped on dry ice/polar packs. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Store at \leq -70°C, stable for 6 months after receipt. Store at \leq -70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
Reconstitution	

SDS-PAGE image



Product Name: Recombinant Human BDH2 (N-6His)
Catalog #: PEH0145



Alternative Names

3-Hydroxybutyrate Dehydrogenase Type 2; Dehydrogenase/Reductase SDR Family Member 6; Oxidoreductase UCPA; R-Beta-Hydroxybutyrate Dehydrogenase; BDH2; DHRS6

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.

Note

For Research Use Only , Not for Diagnostic Use.