

Active Recombinant D-3-Hydroxybutyrate Dehydrogenase

Cat. No. HBDH-053 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant HBDH Protein
Source	E.coli
Description	D-3-hydroxybutyrate dehydrogenase (HBDB) is an enzyme, found in the inner surface of the inner mitochondrial membrane, that catalyzes the oxidation of the reversible conversion between d-3-hydroxybutyrate and acetoacetate using NAD(+) as a coenzyme. HBDB is a lipid-dependent enzyme; in the absence of lipids, the enzyme is inactive.
Form	Lyophilized powder or Liquid
Bio-activity	Specific activity: ≥ 40 U/mgprotein Activity: ≥ 20 U/mgsolid
Notes	This product is for research and manufacturing use only and is not intended for diagnostic or therapeutic use.
Storage	2-8 centigrade: At least 2 years -20 centigrade: At least 3 years
EC No.	1.1.1.30

GENE INFORMATION

Official Symbol	HBDH
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Synonyms

D-3-Hydroxybutyrate Dehydrogenase; HBDH

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