

D-beta-hydroxybutyrate dehydrogenase Recombinant Protein | BDH1 recombinant protein

Recombinant Human D-beta-hydroxybutyrate dehydrogenase, mitochondrial

CATALOG # AAA113554	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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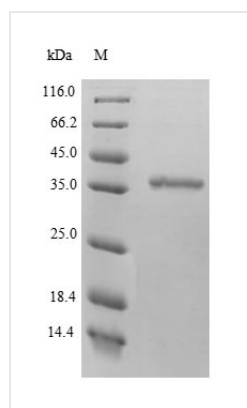
PRODUCT SYNONYMS

D-beta-hydroxybutyrate dehydrogenase; Recombinant Human D-beta-hydroxybutyrate dehydrogenase; mitochondrial; 3-hydroxybutyrate dehydrogenase; Short chain dehydrogenase/reductase family 9C member 1; BDH1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	47-343aa; Full Length of Mature Protein
Sequence	ASAAEPVGSK AVLVTGCD SG FGFLAKHLH SKGFLVFAGC LMKDKGHDGV KELDSLNSDR LRTVQLNVCS SEEEKVVEI VRSSLKDPEK GMWGLVNNAG ISTFGEVEFT SLETYKQVAE VNLWGTVRMT KSFLPLIRRA KGRVVNISSM LGRMANPARS PYCITKFGVE AFSDCLRYEM YPLGVKVS VV EPGNFIAATS LYSPEIQAI AKKMWEELPE VVRKDYGKKY FDEKIAKMET YCSSGSTDTS PVIDAVTHAL TATTPYTRYH PMDYWWL RM QIMTHLPGAI SDMIYIR
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Product Categories/Family for BDH1 recombinant protein	Cancer
References	Molecular cloning and characterization of (R) -3-hydroxybutyrate dehydrogenase from human heart.Marks A.R., McIntyre J.O., Duncan T.M., Erdjument-Bromage H., Tempst P., Fleischer S.J. Biol. Chem. 267:15459-15463(1992)

NCBI AND UNIPROT INFORMATION

NCBI GI #	17738292
NCBI GeneID	622
NCBI Accession #	NP_004042.1
NCBI GenBank Nucleotide #	NM_004051.4
UniProt Accession #	Q02338; Q96ET1; Q9BRZ4; D3DXC0
Molecular Weight	37.1 kDa
NCBI Official Full Name	D-beta-hydroxybutyrate dehydrogenase, mitochondrial
NCBI Official Synonym Full Names	3-hydroxybutyrate dehydrogenase, type 1
NCBI Official Symbol	BDH1
NCBI Official Synonym Symbols	BDH; SDR9C1
NCBI Protein Information	D-beta-hydroxybutyrate dehydrogenase, mitochondrial
UniProt Protein Name	D-beta-hydroxybutyrate dehydrogenase, mitochondrial
UniProt Gene Name	BDH1
UniProt Synonym Gene Names	BDH; SDR9C1; BDH
UniProt Entry Name	BDH_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/bdh1-recombinant-protein-e-coli/113554>