

D-2-hydroxyisocaproate dehydrogenase Recombinant Protein | D-HICDH recombinant protein

Recombinant D-2-hydroxyisocaproate dehydrogenase

CATALOG #
AAA115050

HOST
E Coli or Yeast or Baculovirus or Mammalian Cell

PRODUCT SYNONYMS

D-2-hydroxyisocaproate dehydrogenase; Recombinant D-2-hydroxyisocaproate dehydrogenase; D-HICDH; EC=1.1.1.-; D-HICDH 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	1-333aa; Full Length
Sequence	MKIIAYGARV DEIQYFKQWA KDTGNTLEYH TEFLDENTVE WAKGFDGINS LQTPYAAGV FEKMHAYGIK FLTIRNVGTD NIDMTAMKQY GIRLSNVPAY SPAAIAEFAL TDTLYLLRNM GKVQAQLQAG DYEKAGTFIG KELGQQTVGV MGTGHIGQVA IKLFKGFGAK VIAYDPYPMK GDHPDFDYVS LEDLFKQSDV IDLHVPGIEQ NTHIINEAAF NLMKPGAIVI NTARPNLIDT QAMLSNLKSG KLAGVGIDTY EYETEDLLNL AKHGSFKDPL WDELLGMPNV VLSPIIAYYT ETAVHNMVYF SLQHLVDFLT KGETSTEVTG PAK
Species	Lactobacillus paracasei
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

ADDITIONAL INFORMATION

Related Product Information for D-HICDH recombinant protein	Catalyzes the NAD dependent reversible, stereospecific interconversion between 2-ketocarboxylic acids and D-2-hydroxy-carboxylic acids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	2506353
UniProt Accession #	P17584
Molecular Weight	56.9 kDa
NCBI Official Full Name	D-2-hydroxyisocaproate dehydrogenase
UniProt Protein Name	D-2-hydroxyisocaproate dehydrogenase
UniProt Gene Name	D-HICDH
UniProt Synonym Gene Names	D-HICDH
UniProt Entry Name	DHD2_LACPA

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.

