

NAD-dependent 4-hydroxybutyrate dehydrogenase (4hbD) Recombinant Protein | 4hbD recombinant protein

Recombinant Clostridium kluyveri NAD-dependent 4-hydroxybutyrate dehydrogenase (4hbD)

CATALOG # AAA115792	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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PRODUCT SYNONYMS

NAD-dependent 4-hydroxybutyrate dehydrogenase (4hbD); Recombinant Clostridium kluyveri NAD-dependent 4-hydroxybutyrate dehydrogenase (4hbD); 4hbD 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	1-371 . Full Length
Sequence	MKLLKLAPDV YKFDTAEEFM KYFKVGKGDF ILTNEFLYKP FLEKFNDGAD AVFQEKYGLG EPSDEMINNI IKDIGDKQYN RIIAVGGGSV IDIAKILSLK YTDDSLDLFE GKVPLVKNKE LIIVPTTCGT GSEVTNVSA ELKRRHTKKG IASDELYATY AVLVPEFIKG LPYKFFVTSS VDALIHATEA YVSPNANPYT DMFSVKAMEL ILNGYMQMVE KGNDYRVEII EDFVIGSNYA GIAFGNAGVG AVHALSYPIG GNYHVPHGEA NYLFFTEIFK TTYEKNPNGK IKDVNKLLAG ILKCDESEAY DSLSQLLDKL LSRKPLREYG MKEEEIETFA DSVIEGQQRL LVNNYEPFSR EDIVNTYKKL Y
Species	Clostridium kluyveri (strain 8527 / DSM 555 / NCIMB 10680)
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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	501051742
NCBI Accession #	WP_012103357.1
NCBI GenBank Nucleotide #	WP_012103357.1
UniProt Accession #	P38945; A5N1M6
Molecular Weight	41,756 Da
NCBI Official Full Name	NAD-dependent 4-hydroxybutyrate dehydrogenase
UniProt Protein Name	NAD-dependent 4-hydroxybutyrate dehydrogenase
UniProt Gene Name	4hbD
UniProt Synonym Gene Names	4HBD

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.