Acyl-CoA dehydrogenase, short-chain specific (bcd) Recombinant Protein | bcd recombinant protein

Recombinant Clostridium acetobutylicum Acyl-CoA dehydrogenase, short-chain specific (bcd)

CATALOG #	HOST
AAA114568	**E Coli or Yeast or Baculovirus or Mammalian Cell**

PRODUCT SYNONYMS

Acyl-CoA dehydrogenase; short-chain specific (bcd); Recombinant Clostridium acetobutylicum Acyl-CoA dehydrogenase; bcd 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	1-379. Full Length
Sequence	MDFNLTREQE LVRQMVREFA ENEVKPIAAE IDETERFPME NVKKMGQYGM MGIPFSKEYG GAGGDVLSYI IAVEELSKVC GTTGVILSAH TSLCASLINE HGTEEQKQKY LVPLAKGEKI GAYGLTEPNA GTDSGAQQTV AVLEGDHYVI NGSKIFITNG GVADTFVIFA MTDRTKGTKG ISAFIIEKGF KGFSIGKVEQ KLGIRASSTT ELVFEDMIVP VENMIGKEGK GFPIAMKTLD GGRIGIAAQA LGIAEGAFNE ARAYMKERKQ FGRSLDKFQG LAWMMADMDV AIESARYLVY KAAYLKQAGL PYTVDAARAK LHAANVAMDV TTKAVQLFGG YGYTKDYPVE RMMRDAKITE IYEGTSEVQK LVISGKIFR
Species	Clostridium acetobutylicum (strain 824 / DSM 792 / JCM 1419 / LMG 5710 / VKM B-1787)
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 #	15895968
NCBI GeneID	1118894
NCBI Accession #	NP_349317.1
NCBI GenBank Nucleotide #	NC_003030.1
UniProt Accession #	P52042
Molecular Weight	41,387 Da
NCBI Official Full Name	butyryl-CoA dehydrogenase
NCBI Official Symbol	bcd
NCBI Protein Information	acyl-CoA dehydrogenase short-chain specific
UniProt Protein Name	Acyl-CoA dehydrogenase, short-chain specific
UniProt Gene Name	**bcd**

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.