



Recombinant 4-hydroxybutyryl-CoA dehydratase/vinylacetyl-CoA-Delta-isomerase (abfD)

Product Code	CSB-BP346670CLO
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	P55792
Product Type	Recombinant Protein
Immunogen Species	Clostridium aminobutyricum
Purity	≥85% (SDS-PAGE)
Sequence	MLMTAEQYIE SLRKLNTRVY MFGEKIENWV DHPMIRPSIN CVAMTYELAQ DPQYADLMTT KSNLIGKTIN RFANLHQSTD DLRKKVKMQR LLGQKTASCF QRCVGMDAFN AVFSTTYEID QKYGTNYHKN FTEYLKYIQE NDLIVDGAMT DPKGDRGLAP SAQKDPDLFL RIVEKREDGI VVRGAKAHQT GSINSHEHII MPTIAMTEAD KDYAVSFACP SDADGLFMIY GRQSCDTRKM EEGADIDLGN KQFGGQEALV VFDNVFIPND RIFLCQEYDF AGMMVERFAG YHRQSYGGCK VGVGDDVIGA AALAADYNGA QKASHVKDKL IEMTHLNETL YCCGIACSAE GYPTAAGNYQ IDLLLANVCK QNITRFPYEI VRLAEDIAGG LMVTMPSEAD FKSETVVGRD GETIGDFCNK FFAAAPTCTT EERMVLRFL ENICLGASAV GYRTESMHGA GSPQAQRIMI ARQGNINAKK ELAKAIAGIK
Source	Baculovirus
Target Names	abfD
Protein Names	Recommended name: 4-hydroxybutyryl-CoA dehydratase/vinylacetyl-CoA-Delta-isomerase Short name= 4-BUDH EC= 4.2.1.120 EC= 5.3.3.3 Alternative name(s): Gamma-aminobutyrate metabolism dehydratase/isomerase
Expression Region	1-490
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients,



storage temperature and the stability of the protein itself.

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