Deoxycytidine Triphosphate Deaminase (dcd) Shewanella Oneidensis Recombinant Protein

PRODUCT OVERVIEW

Product Name	Deoxycytidine triphosphate deaminase (dcd), Recombinant Protein
Full Product Name	Recombinant Shewanella oneidensis Deoxycytidine triphosphate deaminase (dcd)
Product Gene Name	dcd recombinant protein
Product Synonym Gene Name	dcd
Sequence	MRLTDIEIEQ ALDNGTIVIE PRPNNDAISG VSVDVRLGGQ FRVFKDHTAP FIDLSGPSGE VQAALDRVMS EIIEIPDGEA FFLHPGELAL AVTYESVTLP ADIVGWLDGR SSLARLGLMV HVTAHRIDPG WQGKIVLEFY NSGKLPLALR PRMTIGALNF ERLSGPVARP YNKRKNAKYK DQQDAVASRI SQD
Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)
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.
Molecular Weight	21,218 Da
Sequence Positions	1-193, Full length protein
Tag Information	This protein contains an N-terminal tag and may also contain a C-terminal tag. Tag types are determined by various factors including tag-protein stability, please inquire for tag information.
Sterility	Sterile filter available upon request.
Endotoxin	Low endotoxin available upon request.
3D Structure	ModBase 3D Structure for Q8EDX5
Species	Shewanella oneidensis (strain MR-1)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for dcd recombinant protein	MBS1373092 is a recombinant protein targeting dcd. Also known as Recombinant Shewanella oneidensis Deoxycytidine triphosphate deaminase (dcd). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of dcd recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for dcd. It may not necessarily be applicable to this product.

NCBI GI #	24374158
NCBI GeneID	1170318
NCBI Accession #	NP_718201.1
UniProt Primary Accession #	Q8EDX5
UniProt Related Accession #	Q8EDX5

GenBank Nucleotide #	NC_004347.2
NCBI Official Full Name	deoxycytidine triphosphate deaminase Dcd
NCBI Official Symbol	dcd
UniProt Protein Name	dCTP deaminase
UniProt Synonym Protein Names	Deoxycytidine triphosphate deaminase
Protein Family	Bifunctional D-cysteine desulfhydrase/1-aminocyclopropane-1-carboxylate deaminase
UniProt Gene Name	dcd
NCBI Protein Information	deoxycytidine triphosphate deaminase Dcd
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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