Cytidine Deaminase (cdd) Shewanella Frigidimarina Recombinant Protein

PRODUCT OVERVIEW

Product Name	Cytidine deaminase (cdd), Recombinant Protein
Full Product Name	Recombinant Shewanella frigidimarina Cytidine deaminase (cdd)
Product Gene Name	cdd recombinant protein
Product Synonym Gene Name	cdd
Sequence	MQNRFLESIT QLDKPLANAL VPLLHDQFCG HIDASQFAGL VKASGKTEQQ VLMDLLPIAA ALANPPISEF YVGAIAKGSS GDLYMGANLE LPGEALFHSV HAEQSAISHA WLSGETEIVD IIVNFSPCGH CRQFMNELVN GSKINIHLPN QETQTLAHYL PYAFGPSDLD VTVPLLCKRE QEFNCDSDDP MIIEAIDQMG LSYAPYTNNN AAVVLETNDG ATFCGRYAES AAFNPSMQPM QMALSNLIRN NRQYSEIKRA VLVESSVGKI TLVGAAMDAL HAIAPIELQH MVVEPLLG
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	32,381 Da
Sequence Positions	1-298, 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 Q083S7
Species	Shewanella frigidimarina (strain NCIMB 400)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for cdd recombinant protein	MBS1355677 is a recombinant protein targeting cdd. Also known as Recombinant Shewanella frigidimarina Cytidine deaminase (cdd). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of cdd 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 cdd. It may not necessarily be applicable to this product.

NCBI GI #	499956370
NCBI Accession #	WP_011637104.1
UniProt Primary Accession #	Q083S7
GenBank Nucleotide #	WP_011637104.1
NCBI Official Full Name	cytidine deaminase

UniProt Protein Name	Cytidine deaminase
UniProt Synonym Protein Names	Cytidine aminohydrolase
Protein Family	Cytidine deaminase
UniProt Gene Name	cdd
UniProt Synonym Gene Names	CDA
UniProt Comments for cdd	This enzyme scavenges exogenous and endogenous cytidine and 2'-deoxycytidine for UMP synthesis.
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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