Probable D-Serine Dehydratase (dsdA) Bacillus Halodurans Recombinant Protein

PRODUCT OVERVIEW

Product Name	Probable D-serine dehydratase (dsdA), Recombinant Protein
Full Product Name	Recombinant Bacillus halodurans Probable D-serine dehydratase (dsdA)
Product Gene Name	dsdA recombinant protein
Product Synonym Gene Name	dsdA
Sequence	MNELEQWRKD PLVIKLMATE EVFWLNPHID SFKSAVRKLS LHEDDVKDAE KRLDRFAPYI AKVFPGTNQA HGMIESPLVQ IPSMKQSLEQ KYLQPITGNL LLKCDSHLPI SGSIKARGGI YEVLKHAEQL ALQHGLLTVQ DDYSILDSET CRDFFANYSI AVGSTGNLGL SIGIISAKLG FNVSVHMSAD AKQWKKDLLR SKNVNVIEYE DDYSQAVEEG RREAEQDPTC YFVDDEQSQD LFLGYAVAAF RLKKQLAEQK ITVDESHPLF VYLPCGVGGA PGGITFGLKL LFEDHVHCFF AEPTHSPSML LGLLTGLHER ISVQEIGLDN RTEADGLAVG RPSRLVSRLM KPLLSGSFTI DDDKLFTLLK ELADAEGLFL EPSALAGMLG PIKLVQEGNH YLKANNLAEK MNNATHIIWG TGGSMVPEEE MMAYYRRGGT IK
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	49,152 Da
Sequence Positions	1-442, Full length
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 Q9KC12
Species	Bacillus halodurans (strain BAA-125 / DSM 18197 / FERM 7344 / JCM 9153 / C-125)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for dsdA recombinant protein	MBS1355533 is a recombinant protein targeting dsdA. Also known as Recombinant Bacillus halodurans Probable D-serine dehydratase (dsdA). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of dsdA 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 dsdA. It may not necessarily be applicable to this product.

NCBI GI #	499200383
NCBI Accession #	WP_010897923.1
UniProt Primary Accession #	Q9KC12
GenBank Nucleotide #	WP_010897923.1

NCBI Official Full Name	D-serine dehydratase
UniProt Protein Name	Probable D-serine dehydratase
UniProt Synonym Protein Names	D-serine deaminase
Protein Family	Probable D-serine dehydratase
UniProt Gene Name	dsdA
UniProt Synonym Gene Names	DSD
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