N-Acetyldiaminopimelate Deacetylase (Ba_4193, Gbaa_4193, BAS3890) (BA_4193) Bacillus Anthracis Recombinant Protein

PRODUCT OVERVIEW

Product Name	N-acetyldiaminopimelate deacetylase (BA_4193, GBAA_4193, BAS3890), Recombinant Protein
Full Product Name	Recombinant Bacillus anthracis N-acetyldiaminopimelate deacetylase (BA_4193, GBAA_4193, BAS3890)
Product Gene Name	BA_4193 recombinant protein
Product Synonym Gene Name	BA_4193; GBAA_4193; BAS3890
Sequence	MAVSKFVQIR RDLHKIPEIG FKEWKTQQYI LDYIGTLSNE HVEVKVWRTG VIVKVKGKNP EKVIGYRADI DGLPITEETG YEFASVHEGM MHACGHDLHT TIGLGLLTAA VTERIDDDLV FLFQPAEEGP GGALPMLESE ELKEWKPNII LGLHIAPEYP VGTIATKEGL LFANTSELYV DLKGKGGHAA YPHTANDMIV AASHLVTQLQ SVISRNVNPL DSAVITIGKI TGGTVQNIIA EKSRLEGTIR TLSVESMSRV KSRIEAIVAG IEASFQCEAV IDYGAMYHQV YNHEALTREF MQFVSEQTDM KVITCTEAMT GEDFGYMLQE IPGFMFWLGV NSEYGLHHAK LRPDEEAIEK AIVFLDQYVK WKGTRK
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	41,896 Da
Sequence Positions	1-376, 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 Q81MQ3
Species	Bacillus anthracis
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for BA_4193 recombinant protein	MBS1352418 is a recombinant protein targeting BA_4193. Also known as Recombinant Bacillus anthracis N-acetyldiaminopimelate deacetylase (BA_4193, GBAA_4193, BAS3890). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of BA_4193 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 BA_4193. It may not necessarily be applicable to this product.

NCBI GI #	30264052
NCBI GeneID	1088811

NCBI Accession #	NP_846429.1
UniProt Primary Accession #	Q81MQ3
UniProt Secondary Accession #	Q6HU48; Q6KND2
GenBank Nucleotide #	NC_003997.3
NCBI Official Full Name	N-acetyldiaminopimelate deacetylase
NCBI Official Symbol	BA_4193
UniProt Protein Name	N-acetyldiaminopimelate deacetylase
UniProt Gene Name	BA_4193
NCBI Protein Information	N-acetyldiaminopimelate deacetylase
UniProt Comments for BA_4193	Catalyzes the conversion of N-acetyl-diaminopimelate to diaminopimelate and acetate.
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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