N-Succinylarginine Dihydrolase (astB) Yersinia Pestis Bv. Antiqua Recombinant Protein

PRODUCT OVERVIEW

Product Name	N-succinylarginine dihydrolase (astB), Recombinant Protein
Full Product Name	Recombinant Yersinia pestis bv. Antiqua N-succinylarginine dihydrolase (astB)
Product Gene Name	astB recombinant protein
Product Synonym Gene Name	astB
Sequence	MAGYEVNFDG LVGLTHHYAG LSFGNEASTT HQNRTSNPRL AAKQGLLKMK ALADLGYKQG VLPPQERPAI GVLRKLGFSG SDEQVLSDVA RNAPRLLSAV SSASSMWTAN AATVSPSADS ADGRVHFTVA NLHNKFHRAI EAETTAVLLP AVFNNHRHFV HHDALPSVTL LGDEGAANHN RLGGEYDSPA IQMFVYGRQG MESGAVPGRY PARQTREASQ AVARLHQLDP KRTVFVQQNP AVIDQGVFHN DVIAVSNRNV LFHHELAFLS STQVMDDIRC KMAGLEQQLV NIEVPEAEVS VADAVSTYLF NSQLLHKANG KMLLVIPQES QDNPSVWRYL SELVSGDGPI DELRVFDLRE SMRNGGGPAC LRLRVVLNDA ELQAVNSRVM LTPALFVTLN NWVDQHYRDH LQFKDLADPH LLQEGRQALD ELTRILNLGP VYPFQRN
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	49,234 Da
Sequence Positions	1-447, 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 Q1C8A8
Species	Yersinia pestis bv. Antiqua (strain Antiqua)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for astB recombinant protein	MBS1408364 is a recombinant protein targeting astB. Also known as Recombinant Yersinia pestis bv. Antiqua N-succinylarginine dihydrolase (astB). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of astB 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 astB. It may not necessarily be applicable to this product.

NCBI GI #	488140821
NCBI Accession #	WP_002212029.1
UniProt Primary Accession #	Q1C8A8
GenBank Nucleotide #	WP_002212029.1

NCBI Official Full Name	MULTISPECIES: succinylarginine dihydrolase
UniProt Protein Name	N-succinylarginine dihydrolase
Protein Family	N-succinylarginine dihydrolase
UniProt Gene Name	astB
UniProt Comments for astB	Catalyzes the hydrolysis of N2-succinylarginine into N2-succinylornithine, ammonia and CO2.
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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