N-Succinylarginine Dihydrolase (astB) Shewanella Oneidensis Recombinant Protein

PRODUCT OVERVIEW

Product Name	N-succinylarginine dihydrolase (astB), Recombinant Protein
Full Product Name	Recombinant Shewanella oneidensis N-succinylarginine dihydrolase (astB)
Product Gene Name	astB recombinant protein
Product Synonym Gene Name	astB
Sequence	MKHFEANFDG LVGPTHNYAG LSFGNVASLN NAALVSNPKA AAKQGLQKAK ALADLGMIQG MLAPQERPDL NTLRRIGFSG SDAQVLQQAA KTAPALLNAC CSASSMWTAN AATVSPSADT RDGKLHFTPA NLVDKLHRSI EPITTGRILT ATFNDPHYFY HHNHLPEHNS FGDEGAANHT RLCQEYGHAG VELFVYGQEA TNPHAPKPLK FPARQTLEAS MAIARLHQLE EDNCVFIQQN PAVIDQGVFH NDVIAVGNQN VLFYHEQAFL NTQAKLDEIK RKLDTELYFI EVPTAKVSIN DAVKSYLFNT QIITLPSGEM AIIAPTDCQE NPAVYAYLNE LLSLNTPIKQ VLYFDVKQSM QNGGGPACLR LRVAMNEREV AAVNQHTLLT DALFTRLNTW VEKHYRDRLS TEDLADPQLV IESRTALDEL TQIMKLGSVY PFQR
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	49,061 Da
Sequence Positions	1-444, 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 Q8EDN7
Species	Shewanella oneidensis (strain MR-1)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for astB recombinant protein	MBS1309884 is a recombinant protein targeting astB. Also known as Recombinant Shewanella oneidensis 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 #	24374247
NCBI GeneID	1170407
NCBI Accession #	NP_718290.1
UniProt Primary Accession #	Q8EDN7

UniProt Related Accession #	Q8EDN7
GenBank Nucleotide #	NC_004347.2
NCBI Official Full Name	N-succinylarginine dihydrolase AstB
NCBI Official Symbol	astB
UniProt Protein Name	N-succinylarginine dihydrolase
Protein Family	N-succinylarginine dihydrolase
UniProt Gene Name	astB
NCBI Protein Information	N-succinylarginine dihydrolase 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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