N-Succinylarginine Dihydrolase (astB) Escherichia Coli Recombinant Protein

PRODUCT OVERVIEW

Product Name	N-succinylarginine dihydrolase (astB), Recombinant Protein
Full Product Name	Recombinant Escherichia coli N-succinylarginine dihydrolase (astB)
Product Gene Name	astB recombinant protein
Sequence	MNAWEVNFDG LVGLTHHYAG LSFGNEASTR HRFQVSNPRL AAKQGLLKMK ALADAGFPQA VIPPHERPFI PVLRQLGFSG SDEQVLEKVA RQAPHWLSSV SSASPMWVAN AATIAPSADT LDGKVHLTVA NLNNKFHRSL EAPVTESLLK AIFNDEEKFS VHSALPQVAL LGDEGAANHN RLGGHYGEPG MQLFVYGREE GNDTLPSRYP ARQTREASEA VARLNQVNPQ QVIFAQQNPD VIDQGVFHND VIAVSNRQVL FCHQQAFARQ SQLLANLRAR VNGFMAIEVP ATQVSVSDAV STYLFNSQLL SRDDGSMVLV LPQECREHAG VWCYLNELLA ADNPISELKV FDLRESMANG GGPACLRLRV VLTQEERRAV NPAVMMNDTL FNALNDWVDR YYRDRLTAAD LADPQLLREG REALDVLSQL LNLGSVYPFQ REGGGNG
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	49,239 Da
Sequence Positions	1-447, 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 B1IPI5
Species	Escherichia coli (strain 8739 / DSM 1576 / Crooks)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for astB recombinant protein	MBS1252848 is a recombinant protein targeting astB. Also known as Recombinant Escherichia coli 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 #	446917715
NCBI Accession #	WP_000994971.1
UniProt Primary Accession #	B1IPI5
GenBank Nucleotide #	WP_000994971.1
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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