Probable L-Aspartate Dehydrogenase (nadX) Burkholderia Pseudomallei Recombinant Protein

PRODUCT OVERVIEW

Product Name	Probable L-aspartate dehydrogenase (nadX), Recombinant Protein
Full Product Name	Recombinant Burkholderia pseudomallei Probable L-aspartate dehydrogenase (nadX)
Product Gene Name	nadX recombinant protein
Sequence	MRNAHAPVDV AMIGFGAIGA AVYRAVEHDA ALRVAHVIVP EHQCDAVRGA LGERVDVVSS VDALACRPQF ALECAGHGAL VDHVVPLLKA GTDCAVASIG ALSDLALLDA LSNAADAGGA TLTLLSGAIG GIDALAAARQ GGLDEVRYIG RKPPLGWLGT PAEAICDLRA MAAEQTIFEG SARDAAQLYP RNANVAATVA LAGVGLDATR VCLIADPAVT RNVHRIVARG AFGEMSIEMS GKPLPDNPKT SALTAFSAIR ALRNRASHCV I
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	27,747 Da
Sequence Positions	1-271, 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 A3P4L6
Species	Burkholderia pseudomallei (strain 1106a)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for nadX recombinant protein	MBS1236942 is a recombinant protein targeting nadX. Also known as Recombinant Burkholderia pseudomallei Probable L-aspartate dehydrogenase (nadX). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of nadX 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 nadX. It may not necessarily be applicable to this product.

NCBI GI #	490300037
NCBI GeneID	3087458
NCBI Accession #	WP_004195445.1
UniProt Primary Accession #	A3P4L6
UniProt Related Accession #	Q62BI3

GenBank Nucleotide #	WP_004195445.1
NCBI Official Full Name	MULTISPECIES: L-aspartate dehydrogenase
NCBI Official Symbol	BMAA1329
UniProt Protein Name	Probable L-aspartate dehydrogenase
Protein Family	L-aspartate dehydrogenase
UniProt Gene Name	nadX
NCBI Protein Information	L-aspartate dehydrogenase
UniProt Comments for nadX	Specifically catalyzes the NAD or NADP-dependent dehydrogenation of L-aspartate to iminoaspartate.
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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