Probable Nicotinate-Nucleotide Adenylyltransferase (nadD) Oceanobacillus Iheyensis Recombinant Protein

PRODUCT OVERVIEW

Product Name	Probable nicotinate-nucleotide adenylyltransferase (nadD), Recombinant Protein
Full Product Name	Recombinant Oceanobacillus iheyensis Probable nicotinate-nucleotide adenylyltransferase (nadD)
Product Gene Name	nadD recombinant protein
Product Synonym Gene Name	nadD
Sequence	MREIGILGGT FDPPHLGHLL IAEEVRRAKE LDEIWFIPTN TPPHKEDTTT SADHRTSMIQ LAIDSHPSFK LNDMELKREG KSYTYDTIQE LTDLYPSHTF YFIIGGDMVE FLPKWHRIDE LLEMITFIGV SRPGYSLQTS YPVDFVDIPT IQLSSTILRE RLQNREWIRY LLPDSVMQYV REHQLYGFGR N
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	22,359 Da
Sequence Positions	1-191, 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 Q8EPV1
Species	Oceanobacillus iheyensis (strain DSM 14371 / JCM 11309 / KCTC 3954 / HTE831)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for nadD recombinant protein	MBS1330940 is a recombinant protein targeting nadD. Also known as Recombinant Oceanobacillus iheyensis Probable nicotinate-nucleotide adenylyltransferase (nadD). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of nadD 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 nadD. It may not necessarily be applicable to this product.

NCBI GI #	499378804
NCBI Accession #	WP_011066382.1
UniProt Primary Accession #	Q8EPV1
GenBank Nucleotide #	WP_011066382.1
NCBI Official Full Name	nicotinate-nicotinamide nucleotide adenylyltransferase

UniProt Protein Name	Probable nicotinate-nucleotide adenylyltransferase
UniProt Synonym Protein Names	Deamido-NAD(+) diphosphorylase
Protein Family	Nicotinate-nucleotide adenylyltransferase
UniProt Gene Name	nadD
UniProt Synonym Gene Names	NaMN adenylyltransferase
UniProt Comments for nadD	Catalyzes the reversible adenylation of nicotinate mononucleotide (NaMN) to nicotinic acid adenine dinucleotide (NaAD).
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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