Probable Nicotinate-Nucleotide Adenylyltransferase (nadD) Streptococcus Mutans Recombinant Protein

PRODUCT OVERVIEW

Product Name	Probable nicotinate-nucleotide adenylyltransferase (nadD), Recombinant Protein
Full Product Name	Recombinant Streptococcus mutans Probable nicotinate-nucleotide adenylyltransferase (nadD)
Product Gene Name	nadD recombinant protein
Product Synonym Gene Name	nadD
Sequence	MALELLTPFT KVELEEERKD KNRKQIGILG GNFNPVHNAH LLVADQVRQQ LGLDEVLLMP EYKPPHVDKK ATIDEKHRLK MLELAIKGIE GLAIETIELK RKGVSYTYDT MKDLIEQNPD VDYYFIIGAD MVDYLPKWHK IDELIQMVQF VGVQRPKYKA GTSYPVIWVD VPLMDISSSM IRDFIRKNRK PNFLLPKLVL DYIEKEGLYQ
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	24,441 Da
Sequence Positions	1-210, 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 Q8DSI6
Species	Streptococcus mutans
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for nadD recombinant protein	MBS1280046 is a recombinant protein targeting nadD. Also known as Recombinant Streptococcus mutans 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 #	24380163
NCBI GeneID	1029008
NCBI Accession #	NP_722118.1
UniProt Primary Accession #	Q8DSI6
UniProt Related Accession #	Q8DSI6

GenBank Nucleotide #	NC_004350.2
NCBI Official Full Name	nicotinic acid mononucleotide adenylyltransferase
NCBI Official Symbol	nadD
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
NCBI Protein Information	nicotinic acid mononucleotide 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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