Nicotinate-Nucleotide Adenylyltransferase (nadD) Salmonella Typhimurium Recombinant Protein

PRODUCT OVERVIEW

Product Name	Nicotinate-nucleotide adenylyltransferase (nadD), Recombinant Protein
Full Product Name	Recombinant Salmonella typhimurium Nicotinate-nucleotide adenylyltransferase (nadD)
Product Gene Name	nadD recombinant protein
Product Synonym Gene Name	nadD
Sequence	MKSLQALFGG TFDPVHYGHL KPVETLANLI GLSRVIIMPN NVPPHRPQPE ASSAQRKYML ELAIADKPLF TLDERELQRN APSYTAQTLK AWREEQGPEA PLAFIIGQDS LLNFPTWHDY DTILDNTHLI VCRRPGYPLE MTQAQHQQWL EQHLTHTPDD LHQLPAGKIY LAETPWLNIS ATLIRERLEK GESCDDLLPE NVLNYINQQG LYR
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	24,394 Da
Sequence Positions	1-213, 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 Q8ZQZ8
Species	Salmonella typhimurium (strain LT2 / SGSC1412 / 700720)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for nadD recombinant protein	MBS1307405 is a recombinant protein targeting nadD. Also known as Recombinant Salmonella typhimurium 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 #	16764022
NCBI GeneID	1252165
NCBI Accession #	NP_459637.1
UniProt Primary Accession #	Q8ZQZ8
UniProt Related Accession #	Q8ZQZ8

GenBank Nucleotide #	NC_003197.2
NCBI Official Full Name	putative nicotinic acid mononucleotide adenylyltransferase
NCBI Official Symbol	nadD
UniProt Protein Name	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	putative nicotinic acid mononucleotide adenylyltransferase
UniProt Comments for nadD	Catalyzes the reversible adenylation of nicotinate mononucleotide (NaMN) to nicotinic acid adenine dinucleotide (NaAD).
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