NADPH Dehydrogenase (namA) Bacillus Cereus Recombinant Protein

PRODUCT OVERVIEW

Product Name	NADPH dehydrogenase (namA), Recombinant Protein
Full Product Name	Recombinant Bacillus cereus NADPH dehydrogenase (namA)
Product Gene Name	namA recombinant protein
Product Synonym Gene Name	namA
Sequence	MNYKLFSPYT IKDVTLKNRI VMSPMCMYSS ENGDGQVTNF HLIHYGTRAA GQVGLVMIEA TAVLPEGRIS NKDLGIWDDS LIEGLHKTTT FIHDNGAKAA IQLAHAGRKA ELETDALAPS AIPFNETMKM PIEMSKHQIK DTVLAFQQAA VRSKQAGFDV IEIHGAHGYL INEFLSPLTN KRTDEYGGSP ENRYRFLREI IDSINEVWNG PLFVRISAND YHPDGLTVQD YVQYTKWMKE QGVDLIDCSS GAVVPARIDV YPGYQVQYAK HIKEHANIAT GAVGLITTGA QAEQILNNNE ADLIFIGREL LRNPYFPRIA ANELGFELEE PYQYERAPGK ISTNK
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	38,536 Da
Sequence Positions	1-345, 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 Q739N4
Species	Bacillus cereus (strain 10987)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for namA recombinant protein	MBS1385661 is a recombinant protein targeting namA. Also known as Recombinant Bacillus cereus NADPH dehydrogenase (namA). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of namA 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 namA. It may not necessarily be applicable to this product.

NCBI GI #	447029764
NCBI Accession #	WP_001107020.1
UniProt Primary Accession #	Q739N4
GenBank Nucleotide #	WP_001107020.1
NCBI Official Full Name	MULTISPECIES: NADPH dehydrogenase

UniProt Protein Name	NADPH dehydrogenase
Protein Family	NADPH dehydrogenase
UniProt Gene Name	namA
UniProt Comments for namA	Catalyzes the reduction of the double bond of an array of alpha,beta-unsaturated aldehydes and ketones. It also reduces the nitro group of nitroester and nitroaromatic compounds. It could have a role in detoxification processes.
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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