Quinolinate Synthase A (nadA) Burkholderia Sp. Recombinant Protein

PRODUCT OVERVIEW

Product Name	Quinolinate synthase A (nadA), Recombinant Protein
Full Product Name	Recombinant Burkholderia sp. Quinolinate synthase A (nadA)
Product Gene Name	nadA recombinant protein
Product Synonym Gene Name	nadA
Sequence	MQSTIKPVEY DRPVAAGTVC GVGQAWAKVP DAPSAEERAA LKERIKALLV REKAVLVAHY YVDAELQELA DETGGCVADS LEMARFGRDH DAQTLIVAGV RFMGETAKIL SPNKRILMPD LDATCSLDLG CPVDEFSAFC DAHPDRTVVV YANTSAAVKA RADWMVTSSI GLEIVADLHA RGEKIIWAPD RHLGSYIQKK TGADMLLWQG SCLVHDEFKG IELDLLRAEY PDAKVLVHPE SPENVVAQAD VVGSTTQLID AAVKFNATHF IVATDLGILH KMQLAAPGKT FIAAPTAGNS ATCKSCAHCP WMAMNGLANL ADVLERGHNE IFVDPAIGER ARLPIDRMLD FAAAHKKRVQ ASGDLQRDQQ LFANVGAA
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	40,818 Da
Sequence Positions	1-378, 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 Q39DN4
Species	Burkholderia sp. (strain 383) (Burkholderia cepacia (strain 17760 / NCIB 9086 / R18194))
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for nadA recombinant protein	MBS1386266 is a recombinant protein targeting nadA. Also known as Recombinant Burkholderia sp. Quinolinate synthase A (nadA). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of nadA 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 nadA. It may not necessarily be applicable to this product.

NCBI GI #	499672220
NCBI Accession #	WP_011352954.1
UniProt Primary Accession #	Q39DN4
GenBank Nucleotide #	WP_011352954.1

NCBI Official Full Name	quinolinate synthase
UniProt Protein Name	Quinolinate synthase A
Protein Family	Quinolinate synthase
UniProt Gene Name	nadA
UniProt Comments for nadA	Catalyzes the condensation of iminoaspartate with dihydroxyacetone phosphate to form quinolinate.
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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