Quinolinate Synthase A (nadA) Mycobacterium Sp. Recombinant Protein

PRODUCT OVERVIEW

Product Name	Quinolinate synthase A (nadA), Recombinant Protein
Full Product Name	Recombinant Mycobacterium sp. Quinolinate synthase A (nadA)
Product Gene Name	nadA recombinant protein
Sequence	MTLLDETASA QFGDDVAPTE EWAAEVRRLA RQRGATLLAH NYQLPAIQDV ADHVGDSLAL SRIAAEAPED TIVFCGVHFM AETAKILSPD KTVLIPDARA GCSLADSITA DQLREWKAEY PGAVVVSYVN TTAAVKAETD ICCTSSNAVD VVASIPADRE VLFCPDQFLG AHVRRVTGRT NMQIWAGECH VHAGINGDEL ADQARAHPDA ELFVHPECGC ATSALYLAGE GAFPADRVKI LSTGGMLDAA RESRASQVLV ATEVGMLHQL RRAAPEIDFQ AVNDRASCRY MKMITPAALL RCLTYGTDEV DVDHETARLA RRSVQRMIEI GQPGGGE
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	36,256 Da
Sequence Positions	1-337, 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 A3Q137
Species	Mycobacterium sp. (strain JLS)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for nadA recombinant protein	MBS1263484 is a recombinant protein targeting nadA. Also known as Recombinant Mycobacterium 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 #	189083425
NCBI Accession #	A3Q137.1
UniProt Primary Accession #	A3Q137
NCBI Official Full Name	Quinolinate synthase A
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.
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