L-Aspartate Oxidase (nadB) Rhodospirillum Rubrum Recombinant Protein

PRODUCT OVERVIEW

Product Name	L-aspartate oxidase (nadB), Recombinant Protein
Full Product Name	Recombinant Rhodospirillum rubrum L-aspartate oxidase (nadB)
Product Gene Name	nadB recombinant protein
Product Synonym Gene Name	nadB
Sequence	ILVDAQGRRF MTALDPAAEL APRDVVTRGV AAAIKAGKGA FLDARTALGA AFPQAFPTVY AACRASGIDP VRQPIPIAPA AHYHMGGVLT DSFGRTSIDG LWAVGEVACT GAHGANRLAS NSLLEAVVFA ARVAGDVGAA PLRRGWPPPA PPDLSPRPPP AEDAAAITRL RATMSARVGV IRDGQGLESA LATIETIAAG ARSPRLRAMT TAARLITAAA LARRESRGAH FRADYPATDP AQSHRATAPF GPLRTVPPHP AQSLGEGLAA PPMETRS
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	28,540 Da
Sequence Positions	1-277, 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 Q59767
Species	Rhodospirillum rubrum
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for nadB recombinant protein	MBS1379918 is a recombinant protein targeting nadB. Also known as Recombinant Rhodospirillum rubrum L-aspartate oxidase (nadB). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of nadB 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 nadB. It may not necessarily be applicable to this product.

NCBI GI #	2498609
NCBI Accession #	Q59767.1
UniProt Primary Accession #	Q59767
NCBI Official Full Name	L-aspartate oxidase
UniProt Protein Name	L-aspartate oxidase

UniProt Synonym Protein Names	Quinolinate synthase B
Protein Family	L-aspartate oxidase
UniProt Gene Name	nadB
UniProt Synonym Gene Names	LASPO
UniProt Comments for nadB	Catalyzes the oxidation of L-aspartate to iminoaspartate.
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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