Nitrate Reductase [NADPH] (Niad), Partial (niaD) Emericella Nidulans Recombinant Protein

PRODUCT OVERVIEW

Product Name	Nitrate reductase [NADPH] (niaD), partial, Recombinant Protein
Full Product Name	Recombinant Emericella nidulans Nitrate reductase [NADPH] (niaD), partial
Product Gene Name	niaD recombinant protein
Product Synonym Gene Name	niaD; AN1006
Product Synonym Names	Nitrate reductase [NADPH]; NR; EC=1.7.1.3
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	97,560 Da
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 P22945
Species	Emericella nidulans (strain FGSC A4 / 38163 / CBS 112.46 / NRRL 194 / M139) (Aspergillus nidulans)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for niaD recombinant protein	MBS1129669 is a recombinant protein targeting niaD. Also known as Recombinant Emericella nidulans Nitrate reductase [NADPH] (niaD), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of niaD 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 niaD. It may not necessarily be applicable to this product.

NCBI GI #	67517610
NCBI GeneID	2876780
NCBI Accession #	XP_658610.1
UniProt Primary Accession #	P22945
UniProt Secondary Accession #	Q5BEM4; C8VU60
UniProt Related Accession #	P22945
GenBank Nucleotide #	XM_653518.1
NCBI Official Full Name	NIA_EMENI Nitrate reductase

NCBI Official Symbol	AN1006.2
UniProt Protein Name	Nitrate reductase [NADPH]
UniProt Gene Name	niaD
UniProt Synonym Gene Names	NR
UniProt Entry Name	NIA_EMENI
NCBI Protein Information	NIA_EMENI Nitrate reductase [NADPH] (NR)
UniProt Comments for niaD	Nitrate reductase is a key enzyme involved in the first step of nitrate assimilation in plants, fungi and bacteria.
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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