Ferredoxin--NADP Reductase (LDB1586) Recombinant Protein

PRODUCT OVERVIEW

Product Name	Ferredoxin--NADP reductase (Ldb1586), Recombinant Protein
Full Product Name	Recombinant Lactobacillus delbrueckii subsp. bulgaricus Ferredoxin--NADP reductase (Ldb1586)
Product Gene Name	Ldb1586 recombinant protein
Product Synonym Gene Name	Ldb1586
Sequence	MIGAGPVGLF AAYFAHLHGL KTVILESLNE PGGQPEMLYP FKKILDIPVF NEITAADLTK RLLANLTDQD LVTGHKVSQL EKTDEFVIDG EYQVRSIIVA TGNGAFKAKK FPLKATPEAE DHIHYFFKNP DLFAGQKIGI FGGGDTALDW AQELSQIADV TLVHRRDQFR GMESSVENLK ADQKVTLKTP YLPKSMQVEK GQLEISLKMV GGDEVTQETF DQILVAYGFR ADNRFVSKWG VDLDQGLIAV DRSMQTSVPG IYAIGDSCGY PGRVPVIGIG FGEAQIAVNA IMQDLFPEKS LTIHSTSI
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	33,777 Da
Sequence Positions	1-308, 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 Q1G967
Species	Lactobacillus delbrueckii subsp. bulgaricus (strain 11842 / DSM 20081)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for Ldb1586 recombinant protein	MBS1355765 is a recombinant protein targeting Ldb1586. Also known as Recombinant Lactobacillus delbrueckii subsp. bulgaricus Ferredoxin--NADP reductase (Ldb1586). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of Ldb1586 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 Ldb1586. It may not necessarily be applicable to this product.

NCBI GI #	123251848
NCBI GeneID	4083861
NCBI Accession #	Q1G967.1
UniProt Primary Accession #	Q1G967

UniProt Related Accession #	Q1G967
NCBI Official Full Name	Ferredoxin--NADP reductase
NCBI Official Symbol	LDB_RS06835
UniProt Protein Name	Ferredoxin--NADP reductase
UniProt Gene Name	Ldb1586
UniProt Synonym Gene Names	FNR; Fd-NADP(+) reductase
NCBI Protein Information	ferredoxin--NADP(+) reductase
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