Ferredoxin--NADP Reductase (Cag_0944) (Cag_0944) Chlorobium Chlorochromatii Recombinant Protein

PRODUCT OVERVIEW

Product Name	Ferredoxin--NADP reductase (Cag_0944), Recombinant Protein
Full Product Name	Recombinant Chlorobium chlorochromatii Ferredoxin--NADP reductase (Cag_0944)
Product Gene Name	Cag_0944 recombinant protein
Product Synonym Gene Name	Cag_0944
Sequence	MTLNHFYCSI EEEIRDLTII GGGPTGIFAA FQCGMNNISC RIIESMPQLG GQLAALYPEK HIYDVAGFPE VPAAGLVDTL WKQAERHHPE IILNETVMRY HKRDNGMFEV SVSSGHTYVS RAVLIAAGLG AFTPRKLPQL ENIEALEGKS IFYAVKNVAD FTGKHVVIVG GGDSALDWSV GLLKSAASVT LVHRMHEFQG HGKTAHEVME ARDAGRLNVM LDTEVMGIDV ENEELKAVHV QSKNGKTRTF PADRLLLLIG FKSNIGPLAE WGLEIVDNAL VVDSHMKTSV DGLYAAGDIA YYTGKLKIIQ TGLSDATMAV RHSLHYIKPG EKIKHTFSSV KMAKEKKKGM QNG
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	38,639 Da
Sequence Positions	1-353, 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 Q3AS18
Species	Chlorobium chlorochromatii (strain CaD3)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for Cag_0944 recombinant protein	MBS1479983 is a recombinant protein targeting Cag_0944. Also known as Recombinant Chlorobium chlorochromatii Ferredoxin--NADP reductase (Cag_0944). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of Cag_0944 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 Cag_0944. It may not necessarily be applicable to this product.

NCBI GI #	499681241
NCBI Accession #	WP_011361975.1
UniProt Primary Accession #	Q3AS18

GenBank Nucleotide #	WP_011361975.1
NCBI Official Full Name	ferredoxin--NADP(+) reductase
UniProt Protein Name	Ferredoxin--NADP reductase
UniProt Gene Name	Cag_0944
UniProt Synonym Gene Names	FNR; Fd-NADP(+) reductase
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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