Na (+)-Translocating NADH-Quinone Reductase Subunit F (nqrF) Vibrio Vulnificus Recombinant Protein

PRODUCT OVERVIEW

Product Name	Na (+)-translocating NADH-quinone reductase subunit F (nqrF), Recombinant Protein
Full Product Name	Recombinant Vibrio vulnificus Na (+)-translocating NADH-quinone reductase subunit F (nqrF), partial
Product Gene Name	nqrF recombinant protein
Product Synonym Gene Name	nqrF
Sequence	MDIILGVVMF TLIVLALVLV ILFAKSKLVP TGDITISING DADKSIVTSP GGKLLSALAG AGVFVSSACG GGGSCGQCRV KVKSGGGDIL PTELDHITKG EAREGERLAC QVAVKTDMDI ELPEEIFGVK KWECTVISND NKATFIKELK LQIPDGESVP FRAGGYIQIE APAHHVKYAD FDVPEEYRGD WDKFNLFRYE SIVKEDIIRA YSMANYPEEF GIIMLNVRIA TPPPNNPDVA PGQMSSYIWS LKEGDKCTIS GPFGEFFAKD TDAEMVFIGG GAGMAPMRSH IFDQLKRLKS KRKMSYWYGA RSKREMFYVE DFDGLAAEND NFVWHCALSD PLPEDNWDGY TGFIHNVLYE NYLRDHDAPE DCEYYMCGPP MMNAAVIGML KNLGVEDENI LLDDFGG
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	44,945 Da
Sequence Positions	1-407
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 Q8DBJ1
Species	Vibrio vulnificus
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for nqrF recombinant protein	MBS1347161 is a recombinant protein targeting nqrF. Also known as Recombinant Vibrio vulnificus Na (+)-translocating NADH-quinone reductase subunit F (nqrF), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of nqrF 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 nqrF. It may not necessarily be applicable to this product.

NCBI GI #	499392265
NCBI Accession #	WP_011079732.1
UniProt Primary Accession #	Q8DBJ1

GenBank Nucleotide #	WP_011079732.1
NCBI Official Full Name	MULTISPECIES: NADH:ubiquinone reductase (Na(+)-transporting) subunit F
UniProt Protein Name	Na(+)-translocating NADH-quinone reductase subunit F
UniProt Synonym Protein Names	NQR complex subunit F
Protein Family	Na(+)-translocating NADH-quinone reductase
UniProt Gene Name	nqrF
UniProt Synonym Gene Names	Na(+)-NQR subunit F; Na(+)-translocating NQR subunit F
UniProt Comments for nqrF	NQR complex catalyzes the reduction of ubiquinone-1 to ubiquinol by two successive reactions, coupled with the transport of Na+ ions from the cytoplasm to the periplasm. The first step is catalyzed by NqrF, which accepts electrons from NADH and reduces ubiquinone-1 to ubisemiquinone by a one-electron transfer pathway.
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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