Nickel-Responsive Regulator (nikR) Recombinant Protein

PRODUCT OVERVIEW

Product Name	Nickel-responsive regulator (nikR), Recombinant Protein
Full Product Name	Recombinant Escherichia coli O1:K1 / APEC Nickel-responsive regulator (nikR)
Product Gene Name	nikR recombinant protein
Sequence	MQRVTITLDD DLLETLDSLS QRRGYNNRSE AIRDILRSAL AQEATQQHGT QGFAVLSYVY EHEKRDLASR IVSTQHHHHD LSVATLHVHI NHDDCLEIAV LKGDMGDVQH FADDVIAQRG VRHGHLQCLP KED
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	15,094 Da
Sequence Positions	1-133, 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 A1AH17
Species	Escherichia coli O1:K1 / APEC
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for nikR recombinant protein	MBS1188724 is a recombinant protein targeting nikR. Also known as Recombinant Escherichia coli O1:K1 / APEC Nickel-responsive regulator (nikR). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of nikR 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 nikR. It may not necessarily be applicable to this product.

NCBI GI #	447112806
NCBI Accession #	WP_001190062.1
UniProt Primary Accession #	A1AH17
GenBank Nucleotide #	WP_001190062.1
NCBI Official Full Name	MULTISPECIES: nickel-responsive transcriptional regulator NikR
UniProt Protein Name	Nickel-responsive regulator
Protein Family	Nickel-responsive regulator

UniProt Gene Name	nikR
UniProt Comments for nikR	Transcriptional repressor of the nikABCDE operon. Is active in the presence of excessive concentrations of intracellular nickel.
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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