Transcriptional Repressor Nrdr (nrdR) Clostridium Botulinum Recombinant Protein

PRODUCT OVERVIEW

Product Name	Transcriptional repressor NrdR (nrdR), Recombinant Protein
Full Product Name	Recombinant Clostridium botulinum Transcriptional repressor NrdR (nrdR)
Product Gene Name	nrdR recombinant protein
Sequence	MKCPYCAYGE SKVVDSRSTE DGSSIRRRRE CLKCNRRYTT YEKIETTPIL VIKKNMSREY FDRNKIVNGL MKACQKRPVS RKQIEQIANE VERHISNEML TEVNTDKIGQ IIMKNLKKID EVSYVRFASV YRQFKDINTF MEEIKNLMDK N
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	17,933 Da
Sequence Positions	1-151, 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 C1FSV2
Species	Clostridium botulinum (strain Kyoto / Type A2)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for nrdR recombinant protein	MBS1231982 is a recombinant protein targeting nrdR. Also known as Recombinant Clostridium botulinum Transcriptional repressor NrdR (nrdR). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of nrdR 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 nrdR. It may not necessarily be applicable to this product.

NCBI GI #	489494512
NCBI Accession #	WP_003399430.1
UniProt Primary Accession #	C1FSV2
GenBank Nucleotide #	WP_003399430.1
NCBI Official Full Name	MULTISPECIES: transcriptional regulator NrdR
UniProt Protein Name	Transcriptional repressor NrdR
Protein Family	Putative transcriptional repressor

UniProt Gene Name	nrdR
UniProt Comments for nrdR	Negatively regulates transcription of bacterial ribonucleotide reductase nrd genes and operons by binding to NrdR-boxes.
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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