Redox-Sensing Transcriptional Repressor Rex (rex) Bacillus Clausii Recombinant Protein

PRODUCT OVERVIEW

Product Name	Redox-sensing transcriptional repressor rex (rex), Recombinant Protein
Full Product Name	Recombinant Bacillus clausii Redox-sensing transcriptional repressor rex (rex)
Product Gene Name	rex recombinant protein
Product Synonym Gene Name	rex
Sequence	MKSEQLKIPQ ATAKRLPLYY RFIESLHAAG KQRVSSTELS QAVKVDSATI RRDFSYFGAL GKKGYGYNVQ YLLSFFRETL DQDERTNVIL VGVGNLGTAL LQYNFSKNNN TVITHAFDVD EKKIGTKVGE VPVYNWDKLE EIGLQNVSIA VLTVPASQAQ KSADRLVKAG IEGILNFTPV RLSVPAHIRV HHIDLAVELQ ALVYFLKHYP L
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	23,635 Da
Sequence Positions	1-211, Full length
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 Q5WJP3
Species	Bacillus clausii (strain KSM-K16)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for rex recombinant protein	MBS1311957 is a recombinant protein targeting rex. Also known as Recombinant Bacillus clausii Redox-sensing transcriptional repressor rex (rex). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of rex 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 rex. It may not necessarily be applicable to this product.

NCBI GI #	499564945
NCBI Accession #	WP_011245728.1
UniProt Primary Accession #	Q5WJP3
GenBank Nucleotide #	WP_011245728.1
NCBI Official Full Name	MULTISPECIES: transcriptional regulator
UniProt Protein Name	Redox-sensing transcriptional repressor Rex

Protein Family	Redox-sensing transcriptional repressor
UniProt Gene Name	rex
UniProt Comments for rex	Modulates transcription in response to changes in cellular NADH/NAD+ redox state.
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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