Redox-Sensing Transcriptional Repressor Rex (rex) Clostridium Beijerinckii Recombinant Protein

PRODUCT OVERVIEW

Product Name	Redox-sensing transcriptional repressor rex (rex), Recombinant Protein
Full Product Name	Recombinant Clostridium beijerinckii Redox-sensing transcriptional repressor rex (rex)
Product Gene Name	rex recombinant protein
Sequence	MEKHKNISMA VIKRLPKYHR YLEELMKNEV DRISSKELGE KIGFTASQIR QDLNCFGDFG QQGYGYNVKE LYTQISAILG LDRGYEAALV GAGNIGQAVS NYSRFENLGF KITAIFDANP KLIGMKIRDV EIMDIDEMES VLEEHKIDIG IICVPRKNAQ VVADELIRGG VRAIWNFAPV DLVVPDHVKV ENVHLSESLL TLIYLLNESE S
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	23,772 Da
Sequence Positions	1-211, 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 A6LQ78
Species	Clostridium beijerinckii (strain 51743 / NCIMB 8052) (Clostridium acetobutylicum)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for rex recombinant protein	MBS1032953 is a recombinant protein targeting rex. Also known as Recombinant Clostridium beijerinckii 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 #	500662098
NCBI Accession #	WP_011967670.1
UniProt Primary Accession #	A6LQ78
GenBank Nucleotide #	WP_011967670.1
NCBI Official Full Name	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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