NAD-Dependent Protein Deacetylase (cobB) Clostridium Tetani Recombinant Protein

PRODUCT OVERVIEW

Product Name	NAD-dependent protein deacetylase (cobB), Recombinant Protein
Full Product Name	Recombinant Clostridium tetani NAD-dependent protein deacetylase (cobB)
Product Gene Name	cobB recombinant protein
Product Synonym Gene Name	cobB
Sequence	MDTRKNLKEL IKSSSNIVFF GGAGVSTESN IPDFRSEEGL YKTKSNFSYS PEVMLSHSFF KEHTEDFFDF YKEKMIYKYA KPNLAHHALA KLEKVGKLKA IITQNIDGLH QLAGSKNVIE LHGGVGRNYC MDCNKFFDLN YILNNKEVVP KCDVCGGIVK PDVVLYEEPL NMDNINNAVR YVENSDVLIV GGTSLVVYPA ANLIHYYKGN KLVLINKSST PYDRKAQIVI NDSIGSILGG IVEELGY
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	27,661 Da
Sequence Positions	1-247, 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 Q899G3
Species	Clostridium tetani
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for cobB recombinant protein	MBS1470010 is a recombinant protein targeting cobB. Also known as Recombinant Clostridium tetani NAD-dependent protein deacetylase (cobB). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of cobB 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 cobB. It may not necessarily be applicable to this product.

NCBI GI #	499411066
NCBI Accession #	WP_011098533.1
UniProt Primary Accession #	Q899G3
GenBank Nucleotide #	WP_011098533.1
NCBI Official Full Name	NAD-dependent protein deacetylase

UniProt Protein Name	NAD-dependent protein deacetylase
UniProt Synonym Protein Names	Regulatory protein SIR2 homolog
Protein Family	Hydrogenobyrinate a,c-diamide synthase
UniProt Gene Name	cobB
UniProt Comments for cobB	NAD-dependent protein deacetylase which modulates the activities of several enzymes which are inactive in their acetylated form.
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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