# NAD-Dependent Protein Deacetylase (cobB) Listeria Monocytogenes Serotype 4b Recombinant Protein

## PRODUCT OVERVIEW

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| **Product Name** | NAD-dependent protein deacetylase (cobB), Recombinant Protein |
| **Full Product Name** | Recombinant Listeria monocytogenes serotype 4b NAD-dependent protein deacetylase (cobB) |
| **Product Gene Name** | cobB recombinant protein |
| **Product Synonym Gene Name** | cobB |
| **Sequence** | MNKLNEALKK AEHIVFLTGA GVSVPSGIPD YRSKNGLYAG MSSPEYMLSH TCLVREPEKF YQFVTENMYY PDAEPNAIHT KMAEIEAEKD VTIITQNIDG LHEKAGSKKV VNFHGSLYHC YCQKCGMSVT AEEYLKSDIH SGCGGVIRPD VVLYEEAIPE SAIDQSLAAI RQADLIVIVG TSFRVSPFCN LTDYRNKKAR IFAVNKEQIS LPYPFEMMES DAVKVFAEI |
| **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** | 25,559 Da |
| **Sequence Positions** | 1-229, 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 Q71W25 |
| **Species** | Listeria monocytogenes serotype 4b (strain F2365) |
| **ISO Certification** | Manufactured in an ISO 9001:2015 Certified Laboratory. |
| **Related Product Information for cobB recombinant protein** | MBS1420916 is a recombinant protein targeting cobB. Also known as Recombinant Listeria monocytogenes serotype 4b 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.

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| **NCBI GI #** | 489821231 |
| **NCBI Accession #** | WP_003725032.1 |
| **UniProt Primary Accession #** | Q71W25 |
| **GenBank Nucleotide #** | WP_003725032.1 |

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| **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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