Molybdenum Import ATP-Binding Protein Modc (modC) Vibrio Cholerae Serotype O1 Recombinant Protein

PRODUCT OVERVIEW

Product Name	Molybdenum import ATP-binding protein ModC (modC), Recombinant Protein
Full Product Name	Recombinant Vibrio cholerae serotype O1 Molybdenum import ATP-binding protein ModC (modC)
Product Gene Name	modC recombinant protein
Product Synonym Gene Name	modC
Sequence	MSEVILQLQK RLGETQLDVD LRLPAVGICA IFGRSGAGKT SLINLISGLT TPDVGEIHLA GRTLFSSSQG IQLPIEQRKI GYVFQDARLF PHYTVRGNLN YGVTDADPEY FASVTRLLAL EPLLVRYPRD LSGGEKQRVA IGRALLSKPD LLLMDEPLAS LDMPRKKEVM PFLENLAQHF RLPILYVSHS MQEILRLADH LVVLEQGKVL SAGPIEQVWS SKAMRPWQSF SEQSTLFSAT VAKHHQTYGL TQVRLAEDVW LWVQQVEADV GSSVRMQVRA NDVSIALDKP TASSIRNILP ARIVAIEHQQ PSKKSVSLKL ELAPHCYLWA VVTEWAHAEL ALEVGMPVFA QIKGVSVAQR DVILTN
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	40,664 Da
Sequence Positions	1-366, 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 Q9KLL9
Species	Vibrio cholerae serotype O1 (strain 39315 / El Tor Inaba N16961)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for modC recombinant protein	MBS1459878 is a recombinant protein targeting modC. Also known as Recombinant Vibrio cholerae serotype O1 Molybdenum import ATP-binding protein ModC (modC). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of modC 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 modC. It may not necessarily be applicable to this product.

NCBI GI #	15601480
NCBI GeneID	2611973
NCBI Accession #	NP_233111.1

UniProt Primary Accession #	Q9KLL9
UniProt Related Accession #	Q9KLL9
GenBank Nucleotide #	NC_002506.1
NCBI Official Full Name	molybdate transporter ATP-binding protein
NCBI Official Symbol	modC
UniProt Protein Name	Molybdenum import ATP-binding protein ModC
Protein Family	Molybdenum import ATP-binding protein
UniProt Gene Name	modC
NCBI Protein Information	molybdate transporter ATP-binding protein
UniProt Comments for modC	Part of the ABC transporter complex ModABC involved in molybdenum import. Responsible for energy coupling to the transport system.
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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