Probable 2-Phosphosulfolactate Phosphatase (comB) Caldicellulosiruptor Saccharolyticus Recombinant Protein

PRODUCT OVERVIEW

Product Name	Probable 2-phosphosulfolactate phosphatase (comB), Recombinant Protein
Full Product Name	Recombinant Caldicellulosiruptor saccharolyticus Probable 2-phosphosulfolactate phosphatase (comB)
Product Gene Name	comB recombinant protein
Sequence	MKIITFSHYK EVTDDVLKDS YAVVIDLLRA TSTMIWAISN GAKGIIPVED ISEARLLKRL DESVLLGGER GGLKIEGFDL DNSPLSYKKE AIFGKTVVMT TTNGTRALKK ASCAKRIFLG SFINAKKTAE YIMKETLHYN IDTISIVCAG TEEKFTLEDI LCAGYFVDLF IENFPDVFLD DLSLASHVLY KKFENDPHEI LKYSYHYNHL KKLGFEADLE FCLRKDFVDC VCEFRNLVVE KV
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	27,481 Da
Sequence Positions	1-242, 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 A4XFZ6
Species	Caldicellulosiruptor saccharolyticus (strain 43494 / DSM 8903)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for comB recombinant protein	MBS1165664 is a recombinant protein targeting comB. Also known as Recombinant Caldicellulosiruptor saccharolyticus Probable 2-phosphosulfolactate phosphatase (comB). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of comB 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 comB. It may not necessarily be applicable to this product.

NCBI GI #	500264912
NCBI Accession #	WP_011915796.1
UniProt Primary Accession #	A4XFZ6
GenBank Nucleotide #	WP_011915796.1
NCBI Official Full Name	2-phosphosulfolactate phosphatase

UniProt Protein Name	Probable 2-phosphosulfolactate phosphatase
Protein Family	2-phosphosulfolactate phosphatase
UniProt Gene Name	comB
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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