Probable 2-Phosphosulfolactate Phosphatase (comB) Thermosynechococcus Elongatus Recombinant Protein

PRODUCT OVERVIEW

Product Name	Probable 2-phosphosulfolactate phosphatase (comB), Recombinant Protein
Full Product Name	Recombinant Thermosynechococcus elongatus Probable 2-phosphosulfolactate phosphatase (comB)
Product Gene Name	comB recombinant protein
Product Synonym Gene Name	comB
Sequence	MKIYTYHTPE RVPADWQPDC AIAVDVLRAT TTIATALAAG AEAVQVFSDL TELEQVSQQW PAAKRIRVGE RGGKKVAGFD MGNSPAECLP ERVRGCRLFM STTNGTRSLE RIQASPLVLA AALVNRAAVA EFVQKHQPET VWIVGSGWEG SYSLEDTVCA GALIHYLWGQ QDAPLETLAG NDETIAATAL YRYYQDDLLT LFHHSSHGQR LLNLGNEADL KYCAQVDILA IVPWQVSPKL LTKA
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	26,737 Da
Sequence Positions	1-244, 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 Q8DLS5
Species	Thermosynechococcus elongatus (strain BP-1)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for comB recombinant protein	MBS1350040 is a recombinant protein targeting comB. Also known as Recombinant Thermosynechococcus elongatus 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 #	22297946
NCBI GeneID	1012645
NCBI Accession #	NP_681193.1
UniProt Primary Accession #	Q8DLS5

UniProt Related Accession #	Q8DLS5
GenBank Nucleotide #	NC_004113.1
NCBI Official Full Name	2-phosphosulfolactate phosphatase
NCBI Official Symbol	tll0403
UniProt Protein Name	Probable 2-phosphosulfolactate phosphatase
Protein Family	2-phosphosulfolactate phosphatase
UniProt Gene Name	comB
NCBI Protein Information	2-phosphosulfolactate phosphatase
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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