Probable 2-Phosphosulfolactate Phosphatase (comB) Cyanothece Sp. Recombinant Protein

PRODUCT OVERVIEW

Product Name	Probable 2-phosphosulfolactate phosphatase (comB), Recombinant Protein
Full Product Name	Recombinant Cyanothece sp. Probable 2-phosphosulfolactate phosphatase (comB)
Product Gene Name	comB recombinant protein
Sequence	MKIFVYYTPE RVPDGTVAEC AIAVDVLRAT TTIATALAAG AEAIQVFSDL DKLIATSATW PAERCIRVGE RGGKTVDGFD MGNSPFDCTP ERVKACRLFM STTNGTRSLQ RIESAKTVIA AALVNREAVA KFIYTQQPET VWIVGSGWEG SYSLEDTVCA GAIAHSLLLA TGIPLEDLAG NDETIAAIAL YRSYREDLLS LLQQASHGKR LLNLNCHEDL KYCSQTDILD VLPVQQQPGV LVAH
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	26,406 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 B8HW27
Species	Cyanothece sp. (strain PCC 7425 / 29141)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for comB recombinant protein	MBS1151657 is a recombinant protein targeting comB. Also known as Recombinant Cyanothece sp. 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 #	501726103
NCBI Accession #	WP_012626303.1
UniProt Primary Accession #	B8HW27
GenBank Nucleotide #	WP_012626303.1
NCBI Official Full Name	2-phosphosulfolactate phosphatase

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