Putative Cobalt-Precorrin-6a Synthase [Deacetylating] (cbiD) Synechococcus Sp. Recombinant Protein

PRODUCT OVERVIEW

Product Name	Putative cobalt-precorrin-6A synthase [deacetylating] (cbiD), Recombinant Protein
Full Product Name	Recombinant Synechococcus sp. Putative cobalt-precorrin-6A synthase [deacetylating] (cbiD)
Product Gene Name	cbiD recombinant protein
Product Synonym Gene Name	cbiD
Sequence	MPVWVASAAR AALRALLGHP FEPNQQVVQP DGGEPLLVPV RSAARLSDDQ ALAISRCDPG PGLDLTRDLE IWVRVAWTPS ADQGLVLMPG EGVGRIGAGG DACLSTYARQ LLECTLLPLL PPGQGLEVEP VLPRGRSLAE RTSNAAFGVV DGLALIGTQA EVQQSAAPEQ LEQVLRELRA LVADPGFGGS VALVIGENGL DLARRAGLSP LLKVGNWLGP VLVAAAEAGV KDLLLLGYHG KLIKLAGGIF HTHHHLADGR LEVLTALGLD VGLSLEELRH LRAAASVEDA FQRLNPETAM DLGRLLAATV EQRSQAYIAR YGDWSLRIAA VLFDRSRTLR WRGPMAEERF FTLQD
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	37,947 Da
Sequence Positions	1-355, 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 Q7UA54
Species	Synechococcus sp. (strain WH8102)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for cbiD recombinant protein	MBS1478889 is a recombinant protein targeting cbiD. Also known as Recombinant Synechococcus sp. Putative cobalt-precorrin-6A synthase [deacetylating] (cbiD). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of cbiD 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 cbiD. It may not necessarily be applicable to this product.

NCBI GI #	48428016
NCBI Accession #	Q7UA54.1
UniProt Primary Accession #	Q7UA54

NCBI Official Full Name	Cobalt-precorrin-5B C(1)-methyltransferase
UniProt Protein Name	Cobalt-precorrin-5B C(1)-methyltransferase
UniProt Synonym Protein Names	Cobalt-precorrin-6A synthase
Protein Family	Cobalt-precorrin-5B C(1)-methyltransferase
UniProt Gene Name	cbiD
UniProt Comments for cbiD	Catalyzes the methylation of C-1 in cobalt-precorrin-5B to form cobalt-precorrin-6A.
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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