Probable Cobalt-Precorrin-6y C (15)-Methyltransferase [Decarboxylating] (cbiT) Sulfolobus Islandicus Recombinant Protein

PRODUCT OVERVIEW

Product Name	Probable cobalt-precorrin-6Y C (15)-methyltransferase [decarboxylating] (cbiT), Recombinant Protein
Full Product Name	Recombinant Sulfolobus islandicus Probable cobalt-precorrin-6Y C (15)-methyltransferase [decarboxylating]
Product Gene Name	cbiT recombinant protein
Sequence	MEWKYVIPGI PDNFFERDEE IPMTKEEIRA LALSKLRIRK GDMILDIGCG TGSVTVEASL LVGSTGKVYG VDKEEKAINL TRRNAEKFGV LNNIVLIKGE APEILFTINE KFDRIFIGGG SEKIKEIISA SWEIIKKGGR VVIDAILLET VNNAISAMEN IGFINLEITE VIIAKGMKTK VGTAMMTRNP IFIISGEKQ
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	22,002 Da
Sequence Positions	1-199, 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 C3NJQ5
Species	Sulfolobus islandicus (strain Y.N.15.51 / Yellowstone #2)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for cbiT recombinant protein	MBS1228690 is a recombinant protein targeting cbiT. Also known as Recombinant Sulfolobus islandicus Probable cobalt-precorrin-6Y C (15)-methyltransferase [decarboxylating]. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of cbiT 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 cbiT. It may not necessarily be applicable to this product.

NCBI GI #	502132163
NCBI Accession #	WP_012716954.1
UniProt Primary Accession #	C3NJQ5
GenBank Nucleotide #	WP_012716954.1
NCBI Official Full Name	fibrillarin-like rRNA methylase

UniProt Protein Name	Probable cobalt-precorrin-6B C(15)-methyltransferase (decarboxylating)
Protein Family	Cobalt-precorrin-6B C(15)-methyltransferase
UniProt Gene Name	cbiT
UniProt Comments for cbiT	Catalyzes the methylation of C-15 in cobalt-precorrin-6B followed by the decarboxylation of C-12 to form cobalt-precorrin-7.
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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