Allophycocyanin Beta Chain (apcB) Cyanophora Paradoxa Recombinant Protein

PRODUCT OVERVIEW

Product Name	Allophycocyanin beta chain (apcB), Recombinant Protein
Full Product Name	Recombinant Cyanophora paradoxa Allophycocyanin beta chain (apcB)
Product Gene Name	apcB recombinant protein
Sequence	MQDAITAVIN AADVQGKYLD TASVEKLKSY FQTGELRVRA AATIAANSSA IIKEAVAKSL LYSDITRPGG NMYTTRRYAA CIRDLDYYVR YATYAMLAGD TSILDERVLN GLKETYNSLG VPVGATIQAI QAAKEVTAGL VGPDAGREMG IYYDYISSGL G
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	17,283 Da
Sequence Positions	1-161, 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 P00320
Species	Cyanophora paradoxa
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for apcB recombinant protein	MBS1233266 is a recombinant protein targeting apcB. Also known as Recombinant Cyanophora paradoxa Allophycocyanin beta chain (apcB). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of apcB 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 apcB. It may not necessarily be applicable to this product.

NCBI GI #	11467301
NCBI GeneID	801543
NCBI Accession #	NP_043158.1
UniProt Primary Accession #	P00320
UniProt Related Accession #	P00320
GenBank Nucleotide #	NC_001675.1
NCBI Official Full Name	allphycocyanin beta subunit (cyanelle)

NCBI Official Symbol	apcB
UniProt Protein Name	Allophycocyanin beta chain
Protein Family	Allophycocyanin
UniProt Gene Name	apcB
NCBI Protein Information	allphycocyanin beta chain
UniProt Comments for apcB	Light-harvesting photosynthetic bile pigment-protein from the phycobiliprotein complex. Allophycocyanin has a maximum absorption at approximately 650 nanometers.
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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