Allophycocyanin Beta Chain (apcB) Anabaena Sp. Recombinant Protein

PRODUCT OVERVIEW

Product Name	Allophycocyanin beta chain (apcB), Recombinant Protein
Full Product Name	Recombinant Anabaena sp. Allophycocyanin beta chain (apcB)
Product Gene Name	apcB recombinant protein
Product Synonym Gene Name	apcB
Product Synonym Names	Recombinant Allophycocyanin beta chain (apcB); Allophycocyanin beta chain
Sequence	AQDAITAV
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 degree C. For extended storage, store at -20 or -80 degree C.
Molecular Weight	919 Da
Sequence Positions	2-9aa; 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 P83152
Species	Anabaena sp. (strain L31)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for apcB recombinant protein	MBS1223205 is a recombinant protein targeting apcB. Also known as Recombinant Anabaena sp. 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 #	118573104
NCBI Accession #	P83152.2
UniProt Primary Accession #	P83152
NCBI Official Full Name	Allophycocyanin beta chain
UniProt Protein Name	Allophycocyanin beta chain
Protein Family	Allophycocyanin
UniProt Gene Name	apcB

UniProt Entry Name	PHAB_ANASL
UniProt Comments for apcB	Function: Light-harvesting photosynthetic bile pigment-protein from the phycobiliprotein complex. Allophycocyanin has a maximum absorption at approximately 650 to 653 nanometers. Subunit structure: Heterodimer of an alpha and a beta chain By similarity. Subcellular location: Cellular thylakoid membrane; Peripheral membrane protein; Cytoplasmic side By similarity. Note: Forms the core of the phycobilisome By similarity. Post-translational modification: Contains one covalently linked phycocyanobilin chromophore By similarity. UniProtKB P00318 Sequence similarities: Belongs to the phycobiliprotein family.
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