Light-Harvesting Protein B-808/866 Alpha Chain (puf2A) Chloroflexus Aurantiacus Recombinant Protein

PRODUCT OVERVIEW

Product Name	Light-harvesting protein B-808/866 alpha chain (puf2A), Recombinant Protein
Full Product Name	Recombinant Chloroflexus aurantiacus Light-harvesting protein B-808/866 alpha chain (puf2A), partial
Product Gene Name	puf2A recombinant protein
Sequence	MQPRSPVRTN IVIFTILGFV VALLIHFIVL SSPEYNWLSN AEGGALLLSA ARALFGI
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	6,198 Da
Sequence Positions	1-57
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 P07503
Species	Chloroflexus aurantiacus (strain 29366 / DSM 635 / J-10-fl)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for puf2A recombinant protein	MBS1261980 is a recombinant protein targeting puf2A. Also known as Recombinant Chloroflexus aurantiacus Light-harvesting protein B-808/866 alpha chain (puf2A), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of puf2A 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 puf2A. It may not necessarily be applicable to this product.

NCBI GI #	501214938
NCBI Accession #	WP_012257956.1
UniProt Primary Accession #	P07503
UniProt Secondary Accession #	A9WEY7
GenBank Nucleotide #	WP_012257956.1
NCBI Official Full Name	MULTISPECIES: light-harvesting protein B-808/866 alpha chain
UniProt Protein Name	Light-harvesting protein B-808/866 alpha chain

UniProt Synonym Protein Names	Antenna pigment protein alpha chain; Bacteriochlorophyll a-binding protein
Protein Family	Light-harvesting protein
UniProt Gene Name	puf2A
UniProt Comments for puf2A	Antenna complexes are light-harvesting systems, which transfer the excitation energy to the reaction centers.
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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