Phytochrome-Like Protein Cph2 (cph2) Synechocystis Sp. Recombinant Protein

PRODUCT OVERVIEW

Product Name	Phytochrome-like protein cph2 (cph2), Recombinant Protein
Full Product Name	Recombinant Synechocystis sp. Phytochrome-like protein cph2 (cph2), partial
Product Gene Name	cph2 recombinant protein
Product Synonym Gene Name	cph2
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	144,687 Da
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 Q55434
Species	Synechocystis sp. (strain PCC 6803 / Kazusa)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for cph2 recombinant protein	MBS1285428 is a recombinant protein targeting cph2. Also known as Recombinant Synechocystis sp. Phytochrome-like protein cph2 (cph2), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of cph2 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 cph2. It may not necessarily be applicable to this product.

NCBI GI #	12230444
NCBI Accession #	Q55434.1
UniProt Primary Accession #	Q55434
NCBI Official Full Name	Phytochrome-like protein cph2
UniProt Protein Name	Phytochrome-like protein cph2
UniProt Synonym Protein Names	Bacteriophytochrome cph2
Protein Family	Phytochrome-like protein
UniProt Gene Name	cph2

UniProt Comments for cph2	Photoreceptor which exists in two forms that are reversibly interconvertible by light: the R form that absorbs maximally in the red region of the spectrum and the FR form that absorbs maximally in the far-red region.
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