Oxygen-Evolving Enhancer Protein 2, Chloroplastic (PSBP) Narcissus Pseudonarcissus Recombinant Protein

PRODUCT OVERVIEW

Product Name	Oxygen-evolving enhancer protein 2, chloroplastic (PSBP), Recombinant Protein
Full Product Name	Recombinant Narcissus pseudonarcissus Oxygen-evolving enhancer protein 2, chloroplastic (PSBP)
Product Gene Name	PSBP recombinant protein
Product Synonym Gene Name	PSBP
Sequence	LGSRVSAADA AYGESANVFG KPKTNTDFQT VTGDGFKILI PSKWNPSKEV EFPGQVLRYE DNFDTTSNVG VMVNPTDKKS IKDYGSPEQF LSQVDYLLGK QAYFGKTISE GGFEPNAVRT ANILETSTPV VGGKDYYSIH VLTRTADGDE GGKHLLITAT VSDGKLYICK AQAGDKRWFK GAKKFVESAA SSFSAA
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	28,521 Da
Sequence Positions	70-265, 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 Q40407
Species	Narcissus pseudonarcissus (Daffodil)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for PSBP recombinant protein	MBS1390681 is a recombinant protein targeting PSBP. Also known as Recombinant Narcissus pseudonarcissus Oxygen-evolving enhancer protein 2, chloroplastic (PSBP). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of PSBP 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 PSBP. It may not necessarily be applicable to this product.

NCBI GI #	11134051
NCBI Accession #	Q40407.1
UniProt Primary Accession #	Q40407
NCBI Official Full Name	Oxygen-evolving enhancer protein 2, chloroplastic
UniProt Protein Name	Oxygen-evolving enhancer protein 2, chloroplastic

UniProt Synonym Protein Names	23 kDa subunit of oxygen evolving system of photosystem II; 23 kDa thylakoid membrane protein; OEC 23 kDa subunit
Protein Family	Putative oxygen-evolving enhancer protein
UniProt Gene Name	PSBP
UniProt Synonym Gene Names	OEE2
UniProt Comments for PSBP	May be involved in the regulation of photosystem II.
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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