ABSCISIC ACID-Insensitive 5-Like Protein 2 (DPBF3) Arabidopsis Thaliana Recombinant Protein

PRODUCT OVERVIEW

Product Name	ABSCISIC ACID-INSENSITIVE 5-like protein 2 (DPBF3), Recombinant Protein
Full Product Name	Recombinant Arabidopsis thaliana ABSCISIC ACID-INSENSITIVE 5-like protein 2 (DPBF3)
Product Gene Name	DPBF3 recombinant protein
Product Synonym Gene Name	DPBF3
Sequence	MDSQRGIVEQ AKSQSLNRQS SLYSLTLDEV QNHLGSSGKA LGSMNLDELL KSVCSVEANQ PSSMAVNGGA AAQEGLSRQG SLTLPRDLSK KTVDEVWKDI QQNKNGGSAH ERRDKQPTLG EMTLEDLLLK AGVVTETIPG SNHDGPVGGG SAGSGAGLGQ NITQVGPWIQ YHQLPSMPQP QAFMPYPVSD MQAMVSQSSL MGGLSDTQTP GRKRVASGEV VEKTVERRQK RMIKNRESAA RSRARKQAYT HELEIKVSRL EEENERLRKQ KEVEKILPSV PPPDPKRQLR RTSSAPF
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	32,419 Da
Sequence Positions	1-297, 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 Q9LES3
Species	Arabidopsis thaliana (Mouse-ear cress)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for DPBF3 recombinant protein	MBS1418966 is a recombinant protein targeting DPBF3. Also known as Recombinant Arabidopsis thaliana ABSCISIC ACID-INSENSITIVE 5-like protein 2 (DPBF3). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of DPBF3 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 DPBF3. It may not necessarily be applicable to this product.

NCBI GI #	15230146
NCBI GeneID	824852
NCBI Accession #	NP_191244.1
UniProt Primary Accession #	Q9LES3

UniProt Secondary Accession #	Q9C5Q3
UniProt Related Accession #	Q9LES3
GenBank Nucleotide #	NM_115544.3
NCBI Official Full Name	ABA-responsive element binding protein 3
NCBI Official Symbol	AREB3
NCBI Official Synonym Symbols	ABA-responsive element binding protein 3; DPBF3
UniProt Protein Name	ABSCISIC ACID-INSENSITIVE 5-like protein 2
UniProt Synonym Protein Names	ABA-responsive element-binding protein 3; Dc3 promoter-binding factor 3; AtDPBF3; bZIP transcription factor 66; AtbZIP66
Protein Family	ABSCISIC ACID-INSENSITIVE 5-like protein
UniProt Gene Name	DPBF3
UniProt Synonym Gene Names	AREB3; BZIP66; AtDPBF3; AtbZIP66
NCBI Protein Information	ABA-responsive element binding protein 3
NCBI Summary for DPBF3	Encodes an ABA-responsive element binding protein with a bZIP domain. Located in the nucleus and expressed in the embryo during seed maturation.
UniProt Comments for DPBF3	Binds to the embryo specification element and the ABA-responsive element (ABRE) of the Dc3 gene promoter. Could participate in abscisic acid-regulated gene expression during seed development.
Research Articles on DPBF3	**1.** Characterization of AREB3 protein and two other genes of the ABI family during seed maturation.
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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