Dehydration-Responsive Element-Binding Protein 2e (DREB2E) Oryza Sativa Subsp. Japonica Recombinant Protein

PRODUCT OVERVIEW

Product Name	Dehydration-responsive element-binding protein 2E (DREB2E), Recombinant Protein
Full Product Name	Recombinant Oryza sativa subsp. japonica Dehydration-responsive element-binding protein 2E (DREB2E)
Product Gene Name	DREB2E recombinant protein
Product Synonym Gene Name	DREB2E
Sequence	MESYGRKRAW KKGPTRGKGG PQNAACEYRG VRQRTWGKWV AEIREPNKRT RLWLGSFATA EEAALAYDEA ARRLYGPDAF LNLPHLRAAS AAAAHQRLRW LPASAAAAAA RGGAAAVPAY GLLNLNAQHN VHVIHQRLQE LKNSSSSPTK PPPRTPTRAN PPPPPLPTSS PCSTVTNSVG SAALPPPMSC FQALEQAMAA TAAMESAPCD DDAAVVGFGA DKPQLDLKEF LQQIGVLKAD DDGATGKNGA VHGDDGELAD AFGFGGSGEF DWDALAADMS DIAGGHGGAL GANGGFQMDD LHEVEQFGGC MPIPIWDI
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	33,456 Da
Sequence Positions	1-318, 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 Q10R18
Species	Oryza sativa subsp. japonica (Rice)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for DREB2E recombinant protein	MBS1312019 is a recombinant protein targeting DREB2E. Also known as Recombinant Oryza sativa subsp. japonica Dehydration-responsive element-binding protein 2E (DREB2E). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of DREB2E 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 DREB2E. It may not necessarily be applicable to this product.

NCBI GI #	122247474
NCBI Accession #	Q10R18.1
UniProt Primary Accession #	Q10R18

UniProt Secondary Accession #	Q0DUP7; A0A0P0VTN2
NCBI Official Full Name	Dehydration-responsive element-binding protein 2E
UniProt Protein Name	Dehydration-responsive element-binding protein 2E
Protein Family	Dehydration-responsive element-binding protein
UniProt Gene Name	DREB2E
UniProt Synonym Gene Names	ERF41; OsDREB2E
UniProt Comments for DREB2E	Probable transcriptional activator that binds to the DNA sequence 5'-[AG]CCGAC-3' of the cis-acting dehydration-responsive element (DRE).
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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