# Dehydration-responsive element-binding protein 1G (DREB1G), Recombinant Protein

CD BioSciences
Plant Protein

*Cat* *RP13447*

*Size* *0.02 mg (E-Coli)/ 0.1 mg (E-Coli)/ 0.02 mg (Yeast)/ 0.1 mg (Yeast)/ 0.02 mg (Baculovirus)/ 0.02 mg (Mammalian-Cell)/ 1 mg (E-Coli)/ 0.1 mg (Baculovirus)/ 1 mg (Yeast)/ 0.1 mg (Mammalian-Cell)/ 1 mg (Baculovirus)/ 0.5 mg (Mammalian-Cell)*

## Species
Oryza sativa subsp. indica (Rice)

## Full Product Name
Recombinant Oryza sativa subsp. indica Dehydration-responsive element-binding protein 1G (DREB1G)

## Product Gene Name
DREB1G recombinant protein

## Purity
Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)

## Sequence
MDVSAALSSD YSSGTPSPVA ADADDGSSAY MTVSSAPPKR RAGRTKFKET RHPVFKGVRR RNPGRWVCEV REPHGKQRIW LGTFETAEMA ARAHDVAALA LRGRAACLNF ADSPRRLRVP PIGASHDDIR RAAAEAAEAF RPPPDESNAA TEVAAAASGA TNSNAEQFAS HPYYEVMDDG LDLGMQGYLD MAQGMLIDPP PMACDPAVGG GEDDNDGEVQ LWSY

## Sequence Positions
1-224, Full length protein

## Format
Lyophilized or liquid (Format to be determined during the manufacturing process)

## Host
E Coli or Yeast or Baculovirus or Mammalian Cell

## Molecular Weight
23,963 Da

## Storage
Store at -20℃. For long-term storage, store at -20℃ or -80℃. Store working aliquots at 4℃ for up to one week. Repeated freezing and thawing is not recommended.

## Protein Family
Dehydration-responsive element-binding protein

## NCBI Accession #
A2X899.1

## NCBI GI #
171769911

## NCBI Official Full Name
Dehydration-responsive element-binding protein 1G

## UniProt Gene Name
DREB1G

**FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY**

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https://www.cd-biosciences.com/plant-protein/

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## UniProt Synonym Gene Names
ERF25; Protein DREB1G

## UniProt Protein Name
Dehydration-responsive element-binding protein 1G

## UniProt Primary Accession #
A2X899

## UniProt Comments
Transcriptional activator that binds specifically to the DNA sequence 5'-[AG]CCGAC-3'. Binding to the C-repeat/DRE element mediates high salinity- and dehydration-inducible transcription .



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