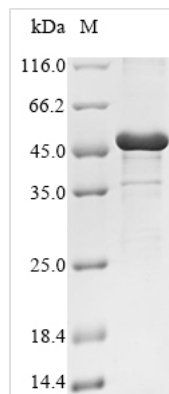




Recombinant Arabidopsis thaliana Dehydration-responsive element-binding protein 2C (DREB2C)

Product Code	CSB-EP850687DOA
Abbreviation	Recombinant Mouse-ear cress DREB2C protein
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q8LFR2
Storage Buffer	Tris-based buffer,50% glycerol
Product Type	Recombinant Proteins
Immunogen Species	Arabidopsis thaliana(Mouse-ear cress)
Purity	Greater than 85% as determined by SDS-PAGE.
Sequence	MPSEIVDRKRKSRGTRDVAEILRQWREYNEQIEAESCIDGGGPKSIRKPPPKG SRKGCMKGKGGPENGICDYRGVRQRRWGKWWAEIREPDGGARLWLGTFSS SYEAALAYDEAAKAIYGQSARLNLPEITNRSSSTAATATVSGSVTAFSDESEVC AREDTNASSGFGQVKLEDCSDEYVLLDSSQCIKEELKGKEEVREEHNLA VGF GIGQDSKRETLDAWLMGNGNEQEPLFGVDETDFINELLGILNDNNVSGQET MQYQVDRHPNFSYQTQFPNSNLLGSLNPMEIAQPGVDYGCPYVQPSDMENY GIDLDHRRFNDLDIQDLDFGGDKDVHGST
Research Area	Others
Source	E.coli
Target Names	DREB2C
Protein Names	Recommended name: Dehydration-responsive element-binding protein 2C Short name= Protein DREB2C
Expression Region	1-341aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 10xHis-tagged
Mol. Weight	43.9 kDa
Protein Length	Full Length
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

Description

Constructing a plasmid that codes for the Arabidopsis thaliana(Mouse-ear cress) DREB2C protein (1-341aa) is the initial step to yield the recombinant Arabidopsis thaliana(Mouse-ear cress) DREB2C protein. The plasmid is then transferred into e.coli cells. Positive e.coli cells are selected and cultured for the protein expression. A N-terminal 10xHis tag is fused to the protein. The affinity purification is used to purify the protein, and SDS-PAGE analysis is carried out to verify the presence and assess the purity of the protein. The protein possesses a purity exceeding 85%.

Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.

Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.