Recombinant Arabidopsis thaliana Protein ABSCISIC ACID-INSENSITIVE 5

Catalog No: #AP71575

Package Size: #AP71575-1 20ug #AP71575-2 100ug #AP71575-3 1mg

Orders: order@signalwayantibody.com
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Description

Product Name	Recombinant Arabidopsis thaliana Protein ABSCISIC ACID-INSENSITIVE 5
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:1-442aaSequence Info:Full Length
Other Names	Dc3 promoter-binding factor 1 ;AtDPBF1;Protein GROWTH-INSENSITIVITY TO ABA 1bZIP transcription factor 39 ;AtbZIP39
Accession No.	Q9SJN0
Uniprot	Q9SJN0
GeneID	818199;
Calculated MW	63 kDa
Tag Info	N-terminal 6xHis-SUMO-tagged
Target Sequence	MVTRETKLTSEREVESSMAQARHNGGGGGENHPFTSLGRQSSIYSLTLDEFQHALCENGKNFGSMNMDEFL VSIWNAEENNNNQQQAAAAAGSHSVPANHNGFNNNNNNGGEGGVGVFSGGSRGNEDANNKRGIANESSLP RQGSLTLPAPLCRKTVDEVWSEIHRGGGSGNGGDSNGRSSSSNGQNNAQNGGETAARQPTFGEMTLEDFL VKAGVVREHPTNPKPNPNPNQNQNPSSVIPAAAQQQLYGVFQGTGDPSFPGQAMGVGDPSGYAKRTGGGG YQQAPPVQAGVCYGGGVGFGAGGQQMGMVGPLSPVSSDGLGHGQVDNIGGQYGVDMGGLRGRKRVVDG PVEKVVERRQRRMIKNRESAARSRARKQAYTVELEAELNQLKEENAQLKHALAELERKRKQQYFESLKSRAQ PKLPKSNGRLRTLMRNPSCPL
Formulation	Tris-based buffer50% glycerol
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.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

Participates in ABA-regulated gene expression during seed development and subsequent vegetative stage by acting as the major mediator of ABA repression of growth. Binds to the bryo specification elent and the ABA-responsive elent (ABRE) of the Dc3 gene promoter and to the ABRE of the 1 and 6 genes promoters. Can also trans-activate its own promoter, suggesting that it is autoregulated. Plays a role in sugar-mediated senescence

References

The homologous ABI5 and EEL transcription factors function antagonistically to fine-tune gene expression during late embryogenesis.Bensmihen S., Rippa S., Lambert G., Jublot D., Pautot V., Granier F., Giraudat J., Parcy F.Plant Cell 14:1391-1403(2002)Research Topic:Others

Note: This product is for in vitro research use only