



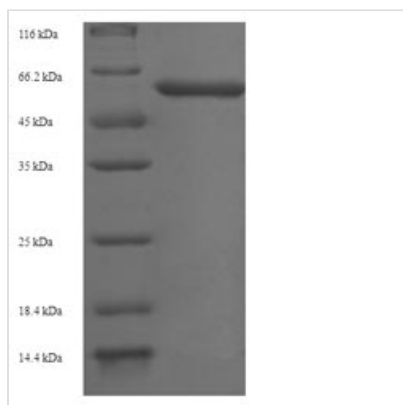
Recombinant Arabidopsis thaliana Protein

ABSCISIC ACID-INSENSITIVE 5 (ABI5)

Product Code	CSB-EP879765DOA
Relevance	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
Abbreviation	Recombinant Mouse-ear cress ABI5 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.	Q9SJN0
Alias	Dc3 promoter-binding factor 1 ;AtDPBF1;Protein GROWTH-INSENSITIVITY TO ABA 1bZIP transcription factor 39 ;AtbZIP39
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	MVTRETKLTSEREVESSMAQARHNGGGGGENHPFTSLGRQSSIYSLTLDEFQ HALCENGKNFGSMNMDEFLVSIWNAEENNNNQQAAGSHSVPANHNGF NNNNNNGGEGGVGVFSGGSRGNEDANNKRGIANESSLPQQSLTLPAPLCR KTVDEVWSEIHRGGGSGNGGDSNGRSSSSNGQNNANQNGGETAARQPTFGE MTLEDFLVKAGVVREHPTNPKPNPNPNQNPSSVIPAAAQQQLYGVFQGTG DPSFPGQAMGVGDPSGYAKRTGGGGYQQAPPVQAGVCYGGGVGFGAGGQ QMGMVGPLSPVSSDGLGHGQVDNIGGQYGVDMGGLRGRKRVDGPVEKVV ERRQRRMIKNRESAARSARKQAYTVELEAELNQLKEENAQLKHALAELERK RKQQYFESLKSRAQPKLPKSNGLRLTLMRNPSCPL
Research Area	Others
Source	E.coli
Target Names	ABI5
Expression Region	1-442aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-SUMO-tagged
Mol. Weight	63.0kDa
Protein Length	Full Length



Image



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

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

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.