

Recombinant Arabidopsis thaliana Abscisic acid receptor PYL1

Catalog No: #AP72239

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Package Size: #AP72239-1 20ug #AP72239-2 100ug #AP72239-3 1mg

Description

Product Name	Recombinant Arabidopsis thaliana Abscisic acid receptor PYL1
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:8-221aaSequence Info:Partial
Other Names	ABI1-binding protein 6PYR1-like protein 1Regulatory components of ABA receptor 9
Accession No.	Q8VZS8
Uniprot	Q8VZS8
GeneID	834722;
Calculated MW	28.7 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	SSPVNEEENSQRISTLHHQTMPSDLTQDEFTQLSQSIAEFHTYQLGNGRCSLLAQRIHAPPETVWSVRRFD RPQIYKHFIKSCNVSEDFEMRVGCTRDVNVISGLPANTSRRERLDLLDDRRVTGFSITGGEHRLRNYKSVTTVH RFEKEEEEEERIWTVVLESYVVDVPEGNSEEDTRLFADTVIRLNLQKLASITEAMNRRNNNNNNSSQVR
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

Receptor for abscisic acid (ABA) required for ABA-mediated responses such as stomatal closure and germination inhibition. Inhibits the activity of group-A protein phosphatases type 2C (PP2Cs) when activated by ABA.

References

Regulators of PP2C phosphatase activity function as abscisic acid sensors.Ma Y., Szostkiewicz I., Korte A., Moes D., Yang Y., Christmann A., Grill E.Science 324:1064-1068(2009)Research Topic:Neuroscience

Note: This product is for in vitro research use only