

DNA Aptamer against Abscisic Acid

SKU# APT-031: DNA Aptamer against Abscisic Acid

Background

Abscisic acid (ABA) is a plant growth regulator known for its functions, especially in seed maturation, seed dormancy, adaptive responses to biotic and abiotic stresses, and leaf and bud abscission.

Aptamer type: DNA aptamer

Length: 76 bp

Affinity: $0.80 \pm 0.07 \mu\text{M}$

Kit contents

The following components are included in the Kit.

	Component	Quantity
APT-031-10	Single strand DNA, lyophilized powder	10 nmol
APT-031-30	Single strand DNA, lyophilized powder	30 nmol

- Store at -20° ; reagents are guaranteed stable for 12 months when properly stored.

References

Grozio, A., et al., Selection and characterization of single stranded DNA aptamers for the hormone abscisic acid, *Nucleic Acid Therapeut.* 23 (2013) 322–331.