

Recombinant Full Length Arabidopsis Thaliana Absciscic Acid 8'-Hydroxylase 2(Cyp707A2) Protein, His-Tagged

Cat. No. RFL17675AF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Arabidopsis thaliana Absciscic acid 8'-hydroxylase 2(CYP707A2) Protein (O81077) (1-482aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Arabidopsis thaliana
Source	E.coli
ProteinLength	Full Length (1-482)
Form	Lyophilized powder
AA Sequence	MQISSSSSSNFFSSLYADEPALITLTIVVVVVLLFKWWLHWKEQRLRLPPGSMGLP YIG ETLRLYTENPNSFFATRQNKYGDIFKTHILGCPVCMISSPEAARMVLVSKAHLFK PTYPP SKERMIGPEALFFHQGPYHSTLKRVLQSSFMPALSALRPTVSHIELLVLQTLSS WTSQKSIN TLEYMKRYAFDVAIMSAFGDKKEPTTIDVIKLLYQRLERGYNSMPLDLP GTLFHKSMKAR IELSEELRKVIEKRRENGREEGGLLVLLGAKDQKRNGLSDSQIAD NIIGVIFAATDTTA SVLTWLLKYLHDHPNLLQEVSRQFSIRQKIKKENRRISWEDTRK MPLTTRVIQETLRAA SVLSFTFREAVQDVEYDGYLIPKGWKVLPFRRIHHSSEFFP DPEKFDPSRFEVAPKPYT YMPFGNGVHSCPGSELAKLEMLILLHLLTTSFRWEVIG DEEGIQYGPFPVPPKKGLPIRVT PI
Purity	Greater than 90% as determined by SDS-PAGE.

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Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Storage Buffer	Tris/PBS-based buffer, 6% Trehalose, pH 8.0
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.

GENE INFORMATION

Gene Name	CYP707A2
Synonyms	CYP707A2; At2g29090; T9I4.17; Absciscic acid 8'-hydroxylase 2; ABA 8'-hydroxylase 2; Cytochrome P450 707A2
UniProt ID	O81077

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