

Recombinant Full Length Arabidopsis Thaliana Protein Wax2(Wax2) Protein, His-Tagged

Cat. No. RFL21103AF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Arabidopsis thaliana Protein WAX2(WAX2) Protein (Q8H1Z0) (1-632aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Arabidopsis thaliana
Source	E.coli
ProteinLength	Full Length (1-632)
Form	Lyophilized powder
AA Sequence	MVAFLSAWPWENFGNLKYLLEYAPLAAQVVYSWVYEEDISKVLWCIHILICGLKALVH EL WSVFNNMLFVTRTLRINPKGIDFKQIDHEWHWDNYIILQAIIVSLICYMSPPLMMMI NSL PLWNTKGLIALIVLHVTFSEPLYFLHRSFHRNNYFFTHYHSFHHSSPVPHPMT AGNATL LENIILCVVAGVPLIGCCFLGVGSLSAIYGYAVMFDFMRCLGHCNVEIFSHK LFEILPVL RYLIYTPTYHSLHHQEMGTNFCLFMPLFDVLGDTQNPNSWELQKKIRLSA GERKRVPEFV FLAHGVDVMSAMHAPFVFRSFASMPYTTRIFLLPMWPFTFCVMLG MVAWSKTFLFSFYTL RNNLCQTWGVPRFGFQYFLPFATKGINDQIEAAILRADKIGV KVISLAALNKNEALNNGG TLFVNKHPDLRVRVHGNLTAAVILYEIPKDVNEVFLTG ATSKLGRAIALYLCRRGVRV LMLTSLMERFQKIQKEAPVEFQNNLVQVTKYNAAQH CKTWIVGKWLTPREQSWAPAGTHF HQFVVPILKFRRNCTYGDLAAMKLPKDVEG LGTCEYTMERGVVHACHAGGVVHMLEGWK HHEVGAI DVDRIDL VWEAMKYGLS AVSSLTN

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Purity	Greater than 90% as determined by SDS-PAGE.
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	CER3
Synonyms	CER3; FLP1; WAX2; YRE; At5g57800; MTI20.3; Very-long-chain aldehyde decarbonylase CER3; Protein ECERIFERUM 3; Protein FACELESS POLLEN 1; Protein WAX2; Protein YORE-YORE
UniProt ID	Q8H1Z0

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