

Recombinant Full Length Arabidopsis Thaliana O-Acyltransferase Wsd1(Wsd1) Protein, His-Tagged

Cat. No. RFL13255AF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Arabidopsis thaliana O-acyltransferase WSD1(WSD1) Protein (Q93ZR6) (1-481aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Arabidopsis thaliana
Source	E.coli
ProteinLength	Full Length (1-481)
Form	Lyophilized powder
AA Sequence	MKAEKVMEREIETTPIEPLSPMSHMLSSPNFFIVITFGFKTRCNRSFVDGINNTLINA P RFSSKMEINYKKKGEPVWIPVKLRVDDHIIVPDLEYSNIQNPQFVEDYTSNIANIP MDM SKPLWEFHLLNMKTSKAESLAIVKIHHSIGDGMSLMSLLLACSRKISDPDALVS NTTATK KPADSMAWWLFVGFWMIRVTFTTIVEFSKLMLTVCFLEDTKNPLMGNPS DGFQSWKV V H RIISFEDVKLIKDTMNMKVNDVLLGMTQAGLSRYLSSKYDGSTAEK KKILEKLRVRGAVA INLRPATKIEDLADMMAGSKCRWGNFIGTVIFPLWVKSEKDPL EYIRRAKATMDRKKIS LEAFFFYGIIKFTLKFFGGKAVEAFGKRIFGHTSLAFSNVKGP DEEISFFHHPISYIAGS ALVGAQALNIHFISYVDKIVINLAVDTTTIQDPNRLCDDMVEA LEIISKATQGEIFHKTE V
Purity	Greater than 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C

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	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	WSD1
Synonyms	WSD1; At5g37300; MNJ8.9; Wax ester synthase/diacylglycerol acyltransferase 1; WS/DGAT 1; Diacylglycerol O-acyltransferase; DGAT; Long-chain-alcohol O-fatty-acyltransferase; O-acyltransferase WSD1; Wax synthase; WS
UniProt ID	Q93ZR6