

Recombinant Full Length Arabidopsis Thaliana 3-Epi-6-Deoxocathasterone 23-Monooxygenase(Rot3) Protein, His-Tagged

Cat. No. RFL25406AF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Arabidopsis thaliana 3-epi-6-deoxocathasterone 23-monooxygenase(ROT3) Protein (Q9M066) (1-524aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Arabidopsis thaliana
Source	E.coli
ProteinLength	Full Length (1-524)
Form	Lyophilized powder
AA Sequence	MQPPASAGLFRSPENLPWPYNYMDYLVAGFLVLTAGILLRPWLWLRLRNSKTKDGD EEED NEEKKKGMIPNGSLGWPVIGETLNFIACGYSSRPVTFMDKRKSLYGKVFKTNI IGTPIII STDAEVNKVVLQNHGNTFVPAYPKSITE LLGENSEILSINGPHQKRLHTLIGAF RSPHLK DRITRDIEASVVLTLASWAQLPLVHVQDEIKKMTFEILVKVLMSTSPGEDMN ILKLEFEE FIKGLICIPKFPGTRLYKSLKAKERLIKMVKKVVEERQVAMTTTSPANDVV DVLLRDGG DSEKQSQPSDFVSGKIVEMMIPGEETMPTAMTLAVKFLSDNPVALAKL VEENMEMKRRKL ELGEEYKWTDYMSLSFTQNVINETLRMANIINGVWRKALKDVEI KGYLIPKGWCVLASFI SVHMDEDIYDNPYQFDPWRWDRINGSANSSICFTPFGGGQ RLCPGLELSKLEISIFLHHL VTRYSWTAEDEIVSFPTVKMKRRLPIRVATVDDASPI SLEDH

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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	ROT3
Synonyms	CYP90C1; ROT3; At4g36380; AP22.10; C7A10.980; F23E13.220; 3-epi-6-deoxocathasterone 23-monooxygenase CYP90C1; Cytochrome P450 90C1; Protein ROTUNDIFOLIA 3
UniProt ID	Q9M066