

Recombinant Full Length Arabidopsis Thaliana Flavin-Containing Monooxygenase Fmo Gs-Ox3(Fmogs-Ox3) Protein, His-Tagged

Cat. No. RFL23539AF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Arabidopsis thaliana Flavin-containing monooxygenase FMO GS-OX3(FMOGS-OX3) Protein (Q9SXE1) (1-462aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Arabidopsis thaliana
Source	E.coli
ProteinLength	Full Length (1-462)
Form	Lyophilized powder
AA Sequence	MAPAQNQITSKHVAVIGAGPAGLITSRELREGHSVVFFEREKQVGGLWVYTPKSD SDPL SLDPTRSKVHSSIYESLRTNVPRESMGVRDFPFLPRFDDES RDARRYPNHRE VLAYIQDF AREFKIEEMIRFETEVVRVEPVDNGNWRVQSKNSGGFLEDEIYDAVVVC NGHYTEPNIAH IPGIKSWPGKQIHSHNYRVPDPFENEVVVIGNFASGADISRDIKAV AKEVHIASRAREP HTYEKISVPQNNLWMHSEIDTTHE DGSIVFKNGKVIFADSIVYCT GYKYNFPFLETNGYL RIDEKRVEPLYKHVFPPALAPGLAFVGLPAMGIVFVMFEIQS KWVA AVLSGRVTLPSTDK MMEDINAWYASLDALGIPKRHTHTIGRIQSEYLNWVAK ESGCELV ERWRGQEVDGGYLRL VAHPETYRDEWDDDELIEEAYNDFS RKKLISVD PSYYLENGR
Purity	Greater than 90% as determined by SDS-PAGE.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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	FMOGS-OX3
Synonyms	FMOGS-OX3; At1g62560; T3P18.12; Flavin-containing monooxygenase FMO GS-OX3; Flavin-monooxygenase glucosinolate S-oxygenase 3
UniProt ID	Q9SXE1

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