

Recombinant Full Length Leptosphaeria Maculans C-5 Sterol Desaturase(Erg3) Protein, His-Tagged

Cat. No. RFL13851LF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Leptosphaeria maculans C-5 sterol desaturase(ERG3) Protein (Q8J207) (1-356aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Leptosphaeria maculans (Blackleg fungus) (Phoma lingam)
Source	E.coli
ProteinLength	Full Length (1-356)
Form	Lyophilized powder
AA Sequence	MDIVLEVCDTFLFDPLYATLLPAQASSFTANATANATLSSIRQEPTAYALPHASWQYE PA TKYFSIEPSKYAYMSSWPRDDWRRQALTLYLITWLFVGVVYLLFAGLSYLLVFDK ATFNH PRYLKHQIKLEMKQANIAFPIMAIFTVPWFLAEVRGYSKLYDTTEKGPGRWY DYLQIPFF IAFTDLCIYWIHRGLHHPMVYKHIHKPHHKWIMPTPFASHAFHPIDGYAQ GLPYYIFPFL FPLSKIASVAFFVFVNIWTVLIHDGEYAHNSPIINGAACHTMHHLFYNY NYGQFTTLWDR LGGSYRKPNDELKRELKMCQDEWKNQAKAVDMMVEQVEGEN DRSYQGEPESKKVQ
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.

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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	ERG3
Synonyms	ERG3; Delta(7-sterol 5(6-desaturase; C-5 sterol desaturase; Ergosterol Delta(5,6 desaturase; Sterol-C5-desaturase
UniProt ID	Q8J207

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