

Recombinant Full Length Schizosaccharomyces Pombe Probable C-5 Sterol Desaturase 1 (Spac1687.16C) Protein, His-Tagged

Cat. No. RFL36924SF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Schizosaccharomyces pombe Probable C-5 sterol desaturase 1 (SPAC1687.16c) Protein (O94457) (1-300aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Schizosaccharomyces pombe
Source	E.coli
ProteinLength	Full Length (1-300)
Form	Lyophilized powder
AA Sequence	MDYLLNYADQYALDSIYNAVYPLARDNIVRQSI SLFFLTWFGGMFLYLT FASLSYQFV FD KSLMDHPKFLKNQVFMEVLTALQNLPGMALLTVPWFLAELHGYSYLYDNISDYG LK YFLC SLPLFVMFSDFGIYWAHRFLHHRYVYPRLHKLH HKWIIC TPYASHAFKSAD GFLQSLPYH LFPFFFPLHKLTYLALFTFVNFW SIMIH DGKYISNNPIINGAAHHNGHHI YFN YNYGQFT TLFDR LGNSFRAPDEAWFDKDLRQNE DVL RVELMEYE AIRNEVEG DDDREYIANS AKKNH
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	erg31
Synonyms	erg31; erg3; SPAC1687.16c; Delta(7-sterol 5(6-desaturase erg31; C-5 sterol desaturase erg31; Ergosterol Delta(5,6 desaturase erg31; Ergosterol biosynthesis protein 31; Sterol-C5-desaturase erg31
UniProt ID	O94457