

Recombinant Full Length *Saccharomyces Cerevisiae* C-5 Sterol Desaturase(Erg3) Protein, His-Tagged

Cat. No. RFL20072SF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length <i>Saccharomyces cerevisiae</i> C-5 sterol desaturase(ERG3) Protein (P32353) (1-365aa), fused to N-terminal His tag, was expressed in <i>E. coli</i> .
Species	<i>S.cerevisiae</i>
Source	<i>E.coli</i>
ProteinLength	Full Length (1-365)
Form	Lyophilized powder
AA Sequence	MDLVLEVADHYVLDDLYAKVLPASLAANIPVKWQKLLGLNSGFSNSTILQETLNSKNA VK ECRRFYGQVPFLFDMSTTSFASLLPRSSILREFLSLWVIVTIFGLLLYLFTASLSYV FVF DKSIFNHPRYLKNQMAMEIKLAVSAIPWMSMLTVPWFVMELNGHCLKLYMKIDY ENHGVKRLIIEYFTFIFFTDGCVYLAHRWLHWPRVYRALHKPHHKWLVCTPFASHSF HPVDGFLQSI SYHIYPLILPLHKVSYLILFTFVNFWTVMIHGGQYLSNNPAVNGTACH TVHHLYFNINYG QFTTLWDRLGGSYRRPDDSLFDPKLRDAKETWDAQVKEVEHFI KEVEGDDNDRIYENDPN TTKNN
Purity	Greater than 90% as determined by SDS-PAGE.
Applications	SDS-PAGE
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C

 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

	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	ERG3
Synonyms	ERG3; PSO6; SYR1; YLR056W; L2150; Delta(7-sterol 5(6-desaturase; C-5 sterol desaturase; Ergosterol Delta(5,6 desaturase; Sterol-C5-desaturase
UniProt ID	P32353