



Recombinant *Saccharomyces cerevisiae* C-5 sterol desaturase (ERG3)

Product Code	CSB-CF341311SVG
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P32353
Product Type	Transmembrane Protein
Immunogen Species	<i>Saccharomyces cerevisiae</i> (strain ATCC 204508 / S288c) (Baker's yeast)
Sequence	MDLVLEVADHYVLDDLYAKVLPASLAANIPVKWQKLLGLNSGFSNSTILQETLN SKNAVK ECRRFYGQVPFLFDMSTTSFASLLPRSSILREFLSLWVIVTIFGLLLYLFTASLSY VFVF DKSIFNHPRYLKNQMAMEIKLAVSAIPWMSMLTVPWFVMEINHGHSKLYMKIDY ENHGVRK LIIEYFTFIFFTDGCVYLAHRWLHWPRVYRALHKPHHKWLVCTPFASHSFHPVD GFLQSI SYHIYPLILPLHKVSYLILFTFVNFVWTVMIHDGQYLSNPAVNGTACHTVHHLYF NYNYG QFTTLWDRLLGGSYRRPDDSLFDPKLRDAKETWDAQVKEVEHFIKEVEGDDND RIYENDPN TKKNN
Source	in vitro <i>E.coli</i> expression system
Target Names	ERG3
Protein Names	Recommended name: C-5 sterol desaturase EC= 1.3.3.- Alternative name(s): Ergosterol Delta(5,6) desaturase Sterol-C5-desaturase
Expression Region	1-365
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.