



Recombinant *Ashbya gossypii* Squalene monooxygenase (ERG1)

Product Code	CSB-CF741682DOT
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	Q75F69
Product Type	Transmembrane Protein
Immunogen Species	<i>Ashbya gossypii</i> (strain ATCC 10895 / CBS 109.51 / FGSC 9923 / NRRL Y-1056) (Yeast) (<i>Eremothecium gossypii</i>)
Sequence	<p>MSKETSYPKELLCADKVVYDAIVVGAGVVGPCVATALARKGKVLIVEREWS QPDRIVG ELMQPAGVRALRSLGMVQAINNIDACSTSGYTVIYNGEKISFAYPYKADLSPPE KIPDLV FDGNDKVVDDGTISAKEFEEDEREHGVGFVHGRFLQNLRAICAAEDRVTRLQ GNVISILR NDSKEVIGAKVDVPGRGKVDKFAHMTFVCDGIFSRFRKELSTTNTSKVWSSFV GLSLHHA DLPTKHHGHVILGSEHMPVIAYQISSTETRILCAYNYPTLPKNVPEWLQKEVQP FIPPSL RKSFDAALESKSYKMPNSWLPASQNNVTGLCVVGDALNMRHPLTGGGMAV GLMDVVLLV KTIGDMDFSDREEVLNELLGFHYERKAHACVINTLSIALYSLFAADSYLKKLQK GCFEY LGRGEDWVRQPISFLSGVLPSPYLLTKVFFTVLYSVLINFRTPLGFLLAIE GFAII FTAQKVFTPFLEYQLLQ</p>
Source	in vitro E.coli expression system
Target Names	ERG1
Protein Names	Recommended name: Squalene monooxygenase EC= 1.14.13.132 Alternative name(s): Squalene epoxidase Short name= SE
Expression Region	1-497
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.