



Recombinant *Ashbya gossypii* C-5 sterol desaturase (ERG3)

Product Code	CSB-CF758713DOT
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	Q754B9
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	MDLVLEFCDSYFFDYVYATLLPASLSPKMGGTWQQAMIKEQMVNATRVFGRS LERPLEVY GYAPFMFEVSPHAFGSVLPYSLLRQSLSLFLVTTVFGWLLYLIVASFYSYVFV DKSVFN HPRYLKNQMSMEIKQGLGAIPYMAVMTVPWFLELHGYSHLYMGLELNVRGY VRLALKAL FFILFTDFGIYLLHRWLHWPVAVYKVLHKKHKKWLVCTPFASHAFHPIDGYLQSL PYHLFP MLFPLHKVSYLVLFVNVWTVMIHDGEYLSNDPVINGAACHTVHHLYFNINY GQFTTLW DRLGGSYREPDHELFDNSNLKKDKAVWEQQIKEVDEMIKNVEGPADDRVYER
Source	in vitro E.coli 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	1-351
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.