



Recombinant *Saccharomyces cerevisiae* Hydroxymethylglutaryl-CoA synthase (ERG13)

Product Code	CSB-EP010567SVG-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P54839
Product Type	Recombinant Protein
Immunogen Species	<i>Saccharomyces cerevisiae</i> (strain ATCC 204508 / S288c) (Baker's yeast)
Purity	≥85% (SDS-PAGE)
Sequence	MKLSTKLCWC GIKGRLRPQK QQQLHNTNLQ MTELKKQKTA EQKTRPQNVG IKGIQIYIPT QCVNQSELEK FDGVSQGKYT IGLGQTNMSF VNDREDIYSM SLTVLSKLIK SYNIDTNKIG RLEVGTETLI DKSKSVKSVL MQLFGENTDV EGIDTLNACY GGTNALFNSL NWIESNAWDG RDAIVVCGDI AIYDKGAARP TGGAGTVAMW IGPDAPIVFD SVRASYMEHA YDFYKPDFTS EYPYVDGHFS LTCYVKALDQ VYKSYSKKAI SKGLVSDPAG SDALNVLKYF DYNVFHVPTC KLVTKSYGRL LYNDFRANPQ LFPEVDAELA TRDYDESLTD KNIKTFVNV AKPFHKERVA QSLIVPTNTG NMYTASVYAA FASLLNYVGS DDLQGKRVGL FSYGSGLAAS LYSCKIVGDV QHIIKELDIT NKLAKRITET PKDYEAAIL RENAHLKKNF KPQGSIEHLQ SGVYYLTNID DKFRRSYDVK K
Source	E.coli
Target Names	ERG13
Protein Names	Recommended name: Hydroxymethylglutaryl-CoA synthase Short name= HMG-CoA synthase EC= 2.3.3.10 Alternative name(s): 3-hydroxy-3-methylglutaryl coenzyme A synthase
Expression Region	1-491
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
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.
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.