



Recombinant *Saccharomyces cerevisiae* Putative cysteine synthase (YGR012W)

Product Code	CSB-MP344862SVG
Storage	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.
Uniprot No.	P53206
Product Type	Recombinant Protein
Immunogen Species	<i>Saccharomyces cerevisiae</i> (strain ATCC 204508 / S288c) (Baker's yeast)
Purity	≥85% (SDS-PAGE)
Sequence	MSCSQNKTSV SLAWRECISI ASVLIGAYAS YKYYKLFKTR DIPRPKEGVE ELIGNTPLVK IRSCLKATGV NIYAKLELCN PAGSAKDRVA LNIKTAEEL GELVRGEPGW VFEGTSGSTG ISIAVVCNAL GYRAHISLPD DTSLEKLALL ESLGATVNVKVPASIVDPNQ YVNAACKACN ELKKSNGNIR AVFADQFENE ANWKVHYQTT GPEIAHQTKG NIDAFIAGCG TGGTITGVAK FLKERAKIPC HVVLADPQGS GFYNRVNYGV MYDYVEKEGT RRRHQVDTIV EGIGLNRITH NFHMGEKFID ESIRVNDNQA IRMAKYL SVN DGLFVGSSTA INAVAAIQVA KTLPHGSNIV IACDSGSRH LSKFWKEAKE IDHDSVLEEV INI
Source	Mammalian cell
Target Names	YGR012W
Protein Names	Recommended name: Putative cysteine synthase Short name= CSase EC= 2.5.1.47 Alternative name(s): O-acetylserine (thiol)-lyase Short name= OAS-TL O-acetylserine sulfhydrylase
Expression Region	1-393
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.