



Recombinant Zea mays Cysteine synthase

Product Code	CSB-BP304520ZAX
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P80608
Product Type	Recombinant Protein
Immunogen Species	Zea mays (Maize)
Purity	>85% (SDS-PAGE)
Sequence	MGEASPSIAK DVTELIGNTP LVYLNKVTDG CVGRSRAKLE SMEPCSSVKD RIGYSMITDA EEKGLITPGV SVLIEPTSGN TGIGLAFMAA AKGYKLTMTM PASMSMERRI ILKAFGAELV LTDPLLGMKG AVKKAEEIQA KTPNSYILQQ FENPANPKIH YETTGPEIWK ATAGKIDGLV SGIGTGGTIT GTGRYLREQN PNVKLYGVEP VESAVLNGGK PGPHKIQGIG AGFIPGVLDV DLLDETLQVS SDEAIETAKA LALKEGLLVG ISSGAAAAAA VRLAKRPENA GKLFVVVFPS FGERYLSSVL FQSIKKEAES MVVEP
Source	Baculovirus
Protein Names	Recommended name: 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	1-325
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.