



Recombinant *Oryza sativa* subsp. *japonica* Cysteine synthase (RCS1)

Product Code	CSB-EP895884OFG
Abbreviation	RCS1
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.	Q9XEA6
Product Type	Recombinant Protein
Immunogen Species	<i>Oryza sativa</i> subsp. <i>japonica</i> (Rice)
Purity	>85% (SDS-PAGE)
Sequence	MGETIAKDVT ELIGNTPLVY LNRVTDGCVG RVAAKLESME PCSSVKDRIG YSMITDAEEK GLITPGKSVL IEPTSGNTGI GLAFMAAAKG YRLVLTMPAS MSMERRIILK AFGAELILTD PLLGMKGAVQ KAEELAAKTN NSFILQQFEN PANPKIHYET TGPEIWKGTG GKVDGLVSGI GTGGTITGAG RYLREQNPDI KIYGVPEPVES AVLSGGKPGP HKIQGIGAGF VPGVLDVDLI NETVQVSSDE AIEMAKALAL KEGLLVGISS GAAAAAAVRL AQRPENEGKL FVVVFPFSGE RYLSSVLFQS IKKEAENMNVV E
Source	<i>E.coli</i>
Target Names	RCS1
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	1-321
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.