



Recombinant *Oryza sativa* subsp. *japonica* Cysteine synthase (RCS3)

Product Code	CSB-BP893121OFG
Abbreviation	RCS3
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.	Q9XEA8
Product Type	Recombinant Protein
Immunogen Species	<i>Oryza sativa</i> subsp. <i>japonica</i> (Rice)
Purity	>85% (SDS-PAGE)
Sequence	MAESGQSIAS DVTALIGNTP LVYLNKVVDG CEAQIAAKLE IMEPCSSVKD RIGYSMITDA EEKGLITPGK SVLIEPTSGN TGIGLAFMAA AKGYKLILTM PASMSMERRI ILKAFGAELV LTDPLLGMKG AIQKADELAA KMPNSYILQQ FENPANPKIH YETTGPDIWK ATAGKVDILV SGIGTGGTVT GTGKYLKEQN PEIKIYGVEP TESAILSGGR PGPHKIQQIG AGFVPGVLDV NLLDEVVQVS SDEAISMAKQ LALKEGLLVG ISSGAAAVAA IRVAQRPENK GKLVVVVFPS FGERYLSSVL FESIKREAEN MVFEP
Source	Baculovirus
Target Names	RCS3
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.