



Recombinant *Spinacia oleracea* Cysteine synthase, chloroplastic/chromoplastic (CYSK)

Product Code	CSB-EP333680FKI
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.	P32260
Product Type	Recombinant Protein
Immunogen Species	<i>Spinacia oleracea</i> (Spinach)
Purity	>85% (SDS-PAGE)
Sequence	AVSLSPPS TIEGLNIAED VSQLIGKTPM VYLNNSKGS VANIAAKLES MEPCCSVKDR IGYSMIDDAE QKGVITPGKT TLVEPTSGNT GIGLAFIAAA RGYKITLTMP ASMSMERRVI LKAFGAELVL TDKAKGMKGA VEKAEELKK TPDSYMLQQF DNPANPKIHY ETTGPEIWED TKGKVDIFVA GIGTGGTISG VGRYLKERNP GVQVIGIEPT ESNILSGGKP GPHKIQLGA GFVPSNLDLG VMDEVIEVSS EAVEMAKQL AMKEGLLVGI SSGAAAAAAV RIGKRPENAG KLIAVVFPSP GERYLSSILF QSIREECENM KPE
Source	E.coli
Target Names	CYSK
Protein Names	Recommended name: Cysteine synthase, chloroplastic/chromoplastic EC= 2.5.1.47 Alternative name(s): CSase B Short name= CS-B O-acetylserine (thiol)-lyase O-acetylserine sulfhydrylase OAS-TL B
Expression Region	53-383
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 of Mature 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.