



Recombinant *Schizosaccharomyces pombe* Cysteine synthase 2 (cys12)

Product Code	CSB-MP308551SXV
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P87131
Product Type	Recombinant Protein
Immunogen Species	<i>Schizosaccharomyces pombe</i> (strain 972 / ATCC 24843) (Fission yeast)
Purity	>85% (SDS-PAGE)
Sequence	MAKKYQDLAS GIAMGAVFMY LLRRLYESLR VKSSADSLEE DIVNGVEGLI GNTKMVRIKS LSQATGCDIL AKAEFLNPGN SPKDRVALQM IRTAEENGDL VPYQSNAYYE GTAGSTGISI AMLCCSLGYD SRIYMPDQSK KEKSDILELL GAHVQRVTPA PIVDPNHFVN TARRNAANHT VDESIPGKGY FANQFENPAN WQAHFNSTGP EIWRQCAGKL DAFIAGSGTG GTIAGISRYL KSKDPSITVC LADPPGSGLY HKVLHGVMFD LAEREGTRRR HQVDTIVEGV GINRMTRNFS IAEPLIDMAY RVTDEQAVAM SRYLVTHDGL FVGSSSAVNC VAAVRLAKKL GPGHRIVTLL CDPGSRHFSK LYNEEFLRKK NIVPQVPSSL DFVEA
Source	Mammalian cell
Target Names	cys12
Protein Names	Recommended name: Cysteine synthase 2 Short name= CSase 2 EC= 2.5.1.47 Alternative name(s): O-acetylserine (thiol)-lyase 2 Short name= OAS-TL 2 O- acetylserine sulfhydrylase 2
Expression Region	1-395
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.