



# Recombinant Schizosaccharomyces pombe Cysteine synthase 1 (cys11)

<b>Product Code</b>	CSB-EP523949SXV
<b>Storage</b>	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.
<b>Uniprot No.</b>	O59701
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Schizosaccharomyces pombe (strain 972 / ATCC 24843) (Fission yeast)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MATSGIQTKV PGIVSGFIGA IGRTPLIRLN TLSNETGCNI LAKAEFQNP GSVKDRAAYY VVRDAEKKGK LSRGGTIVEG TAGNTGIGLA HIARARGYKC VIYMPNTQSQ AKIDTLKFLG AEVHPVPVAP FSNPLNYNHQ ARRHAESTPN ASWTDQFDNV ANLLSHYETT GPEIWDQTKG TVDGFTCSTG TGGTFAGVTK YLKEKSDGRV ASFVADPPGS VLYSHIKTKG KHPDNKGSSF TEGIGQGRIT GNVQPVYDLI DDAMKIPDEK SINMFFRLLD QEGLFLGGSS CLNVVAAVEM AKILGPGKTV VTILCDSGHK YATRLFSRSF LESKKLFDVI EPQYKKYIVL P
<b>Source</b>	E.coli
<b>Target Names</b>	cys11
<b>Protein Names</b>	Recommended name: Cysteine synthase 1 Short name= CSase 1 EC= 2.5.1.47 Alternative name(s): O-acetylserine (thiol)-lyase 1 Short name= OAS-TL 1 O-acetylserine sulfhydrylase 1
<b>Expression Region</b>	1-351
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Reconstitution</b>	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.
<b>Shelf Life</b>	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.