



Recombinant *Synechococcus elongatus* Serine acetyltransferase (cysE)

Product Code	CSB-EP707054FPY
Abbreviation	cysE
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.	Q56002
Product Type	Recombinant Protein
Immunogen Species	<i>Synechococcus elongatus</i> (strain PCC 7942) (<i>Anacystis nidulans</i> R2)
Purity	>85% (SDS-PAGE)
Sequence	MFKTLAADFR IIFERDPAAR NGLEVLLCYP GFQALVCHRV AHWLYQQRLP VIPRLLSHLS RLLTGVEIHP GARLGQGIFI DHGMGVVIGE TAIVGDYCLI YQGVTLLGGTG KQSGKRHPTL ANNVVVGAGA KVLGNIQIGE NVRIGAGSVV LRDVPSDCTV VGIPGRVIYR SGVRVDPLDH SQMPDSEARV IRMLLDRIEA LEDQLEGLNL PPAEEAIDVT LAPVGDRQCQL RDRTIEEFLD GAGI
Source	E.coli
Target Names	cysE
Protein Names	Recommended name: Serine acetyltransferase Short name= SAT EC= 2.3.1.30
Expression Region	1-244
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.