



Recombinant *Synechococcus elongatus* Sulfate adenylyltransferase (sat)

Product Code	CSB-EP657434FPY-B
Abbreviation	sat
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.	Q31RJ2
Product Type	Recombinant Protein
Immunogen Species	<i>Synechococcus elongatus</i> (strain PCC 7942) (<i>Anacystis nidulans</i> R2)
Purity	>85% (SDS-PAGE)
Sequence	MTQVVPGIAP HGGQLIQRIA TAAERQEFLA QADHLPRVQL DERALSDLVM IAIGGFSPLN GFMGQTDYES VVDDMRLANG LPWSVPITLS VTEEVAEPLK EGGWRLDDA QGRFVGLEL TQKYRYNKVH EATNVYRTDE EQHPGVAVVY AQGPINLAGP IWLLQRDAHP LFPSYQIDPI ASRQQFADRG WKTVVGFQTR NPIHRAHEYI IKCALETVDG LFLHPLVGAT KSDDIPADVR MRCYEIMLEH YFPQDRVILA INPSAMRYAG PREAIFHALI RKNYGCTHFI VGRDHAGVGN YYGTYDAQHL FDEFKPEELG ILPMKFEHAF YCTRTRQAMAS TKTSPSSPEE RIHLSGTVKR ELLRKGELPP PEFSRPEVAA ELIRAMRSDS EVA AV
Source	E.coli
Target Names	sat
Protein Names	Recommended name: Sulfate adenylyltransferase EC= 2.7.7.4 Alternative name(s): ATP-sulfurylase Sulfate adenylate transferase Short name= SAT
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.