



# Recombinant *Synechococcus elongatus* Sulfate adenylyltransferase (sat)

<b>Product Code</b>	CSB-YP657434FPY
<b>Abbreviation</b>	sat
<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>	Q31RJ2
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	<i>Synechococcus elongatus</i> (strain PCC 7942) ( <i>Anacystis nidulans</i> R2)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MTQVVPGIAP HGGQLIQRIA TAAERQEFLA QADHLPRVQL DERALSDLVM IAIGGFSPLN GFMGQTDYES VVDDMRLANG LPWSVPITLS VTEEVAEPLK EGGWRLDDA QGRFVGVLEL TQKYRYNKVH EATNVYRTDE EQHPGVAVVY AQGPINLAGP IWLLQRDAHP LFPSYQIDPI ASRQQFADRG WKTVVGFQTR NPIHRAHEYI IKCALETVDG LFLHPLVGAT KSDDIPADVR MRCYEIMLEH YFPQDRVILA INPSAMRYAG PREAIFHALI RKNYGCTHFI VGRDHAGVGN YYGTDAQHL FDEFKPEELG ILPMKFEHAF YCTRTRQAMAS TKTSPSSPEE RIHLSGTVKR ELLRKGELPP PEFSRPEVAA ELIRAMRSDS EVA AV
<b>Source</b>	Yeast
<b>Target Names</b>	sat
<b>Protein Names</b>	Recommended name: Sulfate adenylyltransferase EC= 2.7.7.4 Alternative name(s): ATP-sulfurylase Sulfate adenylyl transferase Short name= SAT
<b>Expression Region</b>	1-395
<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.