



Recombinant Arabidopsis thaliana Serine acetyltransferase 1, chloroplastic (SAT1)

Product Code	CSB-EP670364DOA
Abbreviation	SAT1
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.	Q42588
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	>85% (SDS-PAGE)
Sequence	MATCIDTCRT GNTQDDDSRF CCIKNFFRPG FSVNRKIHHT QIEDDDDVWI KMLEEAKSDV KQEPILSNYY YASITSHRSL ESALAHILSV KLSNLLPSN TLFELFISVL EESPEIIEST KQDLIAVKER DPACISYVHC FLGFKGFLAC QAHRIAHTLW KQNRKIVALL IQNRVSESFA VDIHPGAKIG KGILLDHATG VVIGETAVVG DNVSILHGVV LGGTGKQSGD RHPKIGDGVV IGAGSCILGN ITIGEGAKIG SGSVVVKDVP ARTTAVGNPA RLIGGKENPR KHDKIPCLTM DQTSYLTEWS DYVI
Source	E.coli
Target Names	SAT1
Protein Names	Recommended name: Serine acetyltransferase 1, chloroplastic Short name= AtSAT-1 EC= 2.3.1.30 Alternative name(s): AtSERAT2;1 SAT-p
Expression Region	1-314
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.