



# Recombinant Arabidopsis thaliana S-adenosylmethionine synthase 1 (SAM1)

<b>Product Code</b>	CSB-MP326084DOA
<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>	P23686
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Arabidopsis thaliana (Mouse-ear cress)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	METFLFTSES VNEGHPDKLC DQISDAVLDA CLEQDPDSKV ACETCTKTNM VMVFGIITTK ATVDYEKIVR DTCRAIGFVS DDVGLDADKC KVLVNIEQQS PDIAQGVHGH FTKCPEEIGA GDQGHMFGYA TDETPELMPL SHVLATKLGA RLTEVRKNGT CAWLRPDGKT QVTVEYYNDK GAMVPIRVHT VLISTQHDET VTNDEIARDL KEHVIKPVIP EKYLDEKTIF HLNPSGRFVI GGPHGDAGLT GRKIIIDTYG GWGAHGGGAF SGKDPTKVDR SGAYIVRQAA KSVVANGMAR RALVQVSYAI GVPEPLSVFV DTYETGLIPD KEILKIVKES FDFRPGMMTI NLDLKRRGGNG RFLKTAAYGH FGRDDPFTW EVVKPLKWDK PQA
<b>Source</b>	Mammalian cell
<b>Target Names</b>	SAM1
<b>Protein Names</b>	Recommended name: S-adenosylmethionine synthase 1 Short name= AdoMet synthase 1 EC= 2.5.1.6 Alternative name(s): Methionine adenosyltransferase 1 Short name= MAT 1
<b>Expression Region</b>	1-393
<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.