



Recombinant Schizosaccharomyces pombe S-adenosylmethionine synthase (sam1)

Product Code	CSB-EP530122SXV
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.	O60198
Product Type	Recombinant Protein
Immunogen Species	Schizosaccharomyces pombe (strain 972 / ATCC 24843) (Fission yeast)
Purity	>85% (SDS-PAGE)
Sequence	MAQTFLTSE SVGEGHPDKI CDQISDAILD ACLKDDPFSK VACETASKTG MVMVFGEITT RSQIDYQKVI RNTIKSIGYD DSEKGFYKT CNVLVAIEQQ SPDIAQGLHY EKALEELGAG DQGIMFGYAT DETPEKLPLT ILLAHKLNAA MSVARRDGSL PWLRPDTKTQ VTIEYEEENG AVIPRRVDTI VVSAQHADSI STEDLRSEIL EKIIKPTVPA HLLDEKTVYH IQPSGRFVVG GPQGDAGLTG RKIIVDTYGG WGAHGGGAFS GKDYSKVDRS AAYAARWIAK SLVAAGLARR CLVQLSYAIG VAEPLSIFVN TYGTSSKTS A ELVEIIRKNF DLRPGVLVKS LKLQTPFYLS TASYGHFTDQ SKPWEPKEL KF
Source	E.coli
Target Names	sam1
Protein Names	Recommended name: S-adenosylmethionine synthase Short name= AdoMet synthase EC= 2.5.1.6 Alternative name(s): Methionine adenosyltransferase Short name= MAT
Expression Region	1-382
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.