



Recombinant *Oryza sativa* subsp. *japonica* S-adenosylmethionine synthase 1 (SAM1)

Product Code	CSB-EP610002OFG
Abbreviation	SAM1
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.	Q0DKY4
Product Type	Recombinant Protein
Immunogen Species	<i>Oryza sativa</i> subsp. <i>japonica</i> (Rice)
Purity	>85% (SDS-PAGE)
Sequence	MAALDTFLFT SESVNEGHPD KLCDQVSDAV LDACLAEDPD SKVACETCTK TNMVMVFGEI TTKANVDYEK IVRETCRNIG FVSADVGLDA DHCKVLVNI QQSPDIAQGV HGHFTKRPEE IGAGDQGHMF GYATDEPEL MPLSHVLATK LGARLTEVRK NGTCAWLRPD GKTQVTVEYR NESGARVPVR VHTVLISTQH DETVTNDEIA ADLKEHVIKP VIPEQYLDEK TIFHLNPSGR FVIGGPHGDA GLTGRKIID TYGGWGAHGG GAFSGKDPTK VDRSGAYVAR QAAKSIVASG LARRCIVQVS YAIGVPEPLS VFDVTYGTGR IPDKEILKIV KENFDPRPGM IIINLDLKKG GNGRYLKTA YGHFGRDDPD FTWEVVKPLK WEKPSA
Source	E.coli
Target Names	SAM1
Protein Names	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
Expression Region	1-396
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.