



Recombinant Streptomyces achromogenes Modification methylase SacI (sacIM)

Product Code	CSB-EP523234FNS-B
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.	O31073
Product Type	Recombinant Protein
Immunogen Species	Streptomyces achromogenes
Purity	>85% (SDS-PAGE)
Sequence	MNHELPVISL FSGAGGLDCA IESCAEPPLV QDGS GSPLRV AVATDYEQTA LDTLSANFPH TKTLCGDIQT IPTAELLEAG GLKPGDPTLV IGGPPCTPFS KSGFWIEEKR NSADPNASLL DEYVRVRES KPEAFILENV QGLTYKTHQA QFDRLIAGLK DAGYNPTFRV LLAAEYGVVGR LRRRVFVGR RDGKAFHFPE TTHSGESERD RVIDHTKIPF TSLREALAGL PDVPEAGEVV EGTYAELAAE VPPGQNYLWH TDRYGGRNEF KWRSRYWTFL LKADPDRPST TLQAQPGPWV GPFHWENVKN ANGEERARRF RVAEMKRIMT FPDEFVFTGV KREVQRQIGN PVPVELGKVV VRALMEQLGY LDSRGTTIPS QAGHEQLELI
Source	E.coli
Target Names	sacIM
Protein Names	Recommended name: Modification methylase SacI Short name= M.SacI EC= 2.1.1.37 Alternative name(s): Cytosine-specific methyltransferase SacI
Expression Region	1-390
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.