





Recombinant Streptomyces achromogenes Modification methylase Sacl(saclM)

Product Code	CSB-EP523234FNS
Relevance	This methylase recognizes the double-stranded sequence GAGCTC, causes specific methylation on C-4 on both strands, and protects the DNA from cleavage by the Sacl endonuclease.
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
Storage Buffer	Tris-based buffer,50% glycerol
Alias	Cytosine-specific methyltransferase Sacl
Product Type	Recombinant Protein
Species	Streptomyces achromogenes
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	MNHELPVISLFSGAGGLDCAIESCAEPPLVQDGSGSPLRVAVATDYEQTALDT LSANFPHTKTLCGDIQTIPTAELLEAGGLKPGDPTLVIGGPPCTPFSKSGFWIEE KRNSADPNASLLDEYVRVVRESKPEAFILENVQGLTYKTHQAQFDRLIAGLKDA GYNPTFRVLLAAEYGVPQLRRRVFVVGRRDGKAFHFPETTHSGESERDRVID HTKIPFTSLREALAGLPDVPEAGEVVEGTYAELAAEVPPGQNYLWHTDRYGG RNEFKWRSRYWTFLLKADPDRPSTTLQAQPGPWVGPFHWENVKNANGEER ARRFRVAEMKRIMTFPDEFVFTGVKREVQRQIGNPVPVELGKVVVRALMEQL GYLDSRGTTIPSQAGHEQLELI
Research Area	Others
Source	E.coli
Gene Names	sacIM
Expression Region	1-390aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-SUMO-tagged
Mol. Weight	59.3kDa
Protein Description	Full Length
Image	

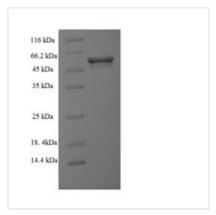


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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.