

Recombinant Streptomyces Achromogenes SACIM Protein (1-390 aa), His-SUMO-tagged

Cat. No. SACIM-987S **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Streptomyces Achromogenes SACIM Protein (1-390 aa) is produced by E. coli expression system. This protein is fused with a 6xHis-SUMO tag at the N-terminal. Protein Description: Full Length.
Species	Streptomyces Achromogenes
Source	E.coli
ProteinLength	1-390 aa
Description	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 SacI endonuclease.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	59.3 kDa
AA Sequence	MNHELPVISLFSGAGGLDCAIESCAEPPLVQDGSGSPLRVAVATDYEQTALDTLSAN FPHKTLGDIQTIPTAELLEAGGLKPGDPTLVIGGPPCTPFSKSGFWIEEKNSADP NASLLDEYVRVRESKPEAFILENVQGLTYKTHQAQFDRLIAGLKDAGYNPTFRVLLA AEYGVPQLRRRVFVVGRRDGKAFHFPETTHSGESERDRVIDHTKIPFTSLREALAGL PDVPEAGEVVEGTYAELAAEVPPGQNYLWHTDRYGGRNEFKWRSRYWTFLLKADP DRPSTTLQAQPGPWVGPFWENVKNANGEERARRFRVAEMKRIMTFPDEFVFTGV

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KREVQRQIGNPVPVELGKVVVRALMEQLGYLDSRGTTIPSQAGHEQLELI

Purity > 90% as determined by SDS-PAGE.

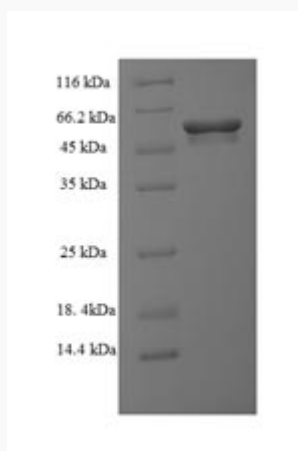
Notes Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.

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 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.

Concentration A hardcopy of COA with concentration instruction is sent along with the products.

GENE INFORMATION

UniProt ID [O31073](#)



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

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