



Recombinant Type-2 restriction enzyme SacI (sacI_R)

Product Code	CSB-YP516234FNS
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.	O31074
Product Type	Recombinant Protein
Immunogen Species	Streptomyces achromogenes
Purity	>85% (SDS-PAGE)
Sequence	MGITIKKSTA EQVLRKAYEA AASDDVFLED WIFLATSLRE VDPARTYTAA LVTALLARAC DDRVDPRSIK EKYDDRAFSL RTLCHGVVVP MSVELGFDLG ATGREPINNQ PFFRYDQYSE IVRVQTKARP YLDRVSSALA RVDEEDYSTE ESFRALVAVL AVCISVANKK QRVAVGSAIV EASLIAETQS FVVS GHVPR KLQACVAAGL DMVYSEVVS RINDPSRDFP GDVQVILDGD PLLTVEVRGK SVSWEGLEQF VSSATYAGFR RVALMVDAAS HVSLMSADDL TSALERKYEC IVKVNESVSS FLRDVFWSP RDVHSILSAF PEAMYRRMIE IEVREPELDR WAEIFPET
Source	Yeast
Target Names	sacI _R
Protein Names	Recommended name: Type-2 restriction enzyme SacI Short name= R.SacI EC= 3.1.21.4 Alternative name(s): Endonuclease SacI Type II restriction enzyme SacI
Expression Region	1-358
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.