



Recombinant Type-2 restriction enzyme SmaI (smaIR)

Product Code	CSB-YP319666SYN
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.	P14229
Product Type	Recombinant Protein
Immunogen Species	Serratia marcescens
Purity	>85% (SDS-PAGE)
Sequence	MSRDDQLFTL WGKLNDRQKD NFLKWMKAFD VEKTYQKTSG DIFNDDFFDI FGDRLITHHF SSTQALTKTL FEHAFNDSL N ESGVISSLAE SRTNPGHDIT IDSIKVALKT EAAKNISKEY IHVSKWME LG KGEWILELLL ERFLEHLENY ERIFTLRYFK ISEYKFSYQL VEIPKSLLE AKNAKLEIMS GSKQSPKPGY GYVLDENENK KFSLYFDGGA ERK LQIKHLN LEHCIVHGVW DFILPPP
Source	Yeast
Target Names	smaIR
Protein Names	Recommended name: Type-2 restriction enzyme SmaI Short name= R.SmaI EC= 3.1.21.4 Alternative name(s): Endonuclease SmaI Type II restriction enzyme SmaI
Expression Region	1-247
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.