



Recombinant Type-2 restriction enzyme Scal (scalR)

Product Code	CSB-EP527495FNZ
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.	O52691
Product Type	Recombinant Protein
Immunogen Species	Streptomyces caespitosus
Purity	≥85% (SDS-PAGE)
Sequence	MINDQLPRWV REARVGTRTG GPAMRPKTS SPYFGWDS E WPEVTRQLLS EQPLSGDTLV DAVLASWESI FESRLGSGFH IGTQIRPTPQ VMGFLHALI PLELANGDPS WRADLNSSEK DLVYQPDHKY SIEMKTSSHK DQIFGNRSFG VENPGKGKKA KDGYYVAVNF EKWSDAPGRL PRIRTIRYGW LDHTDWVAQK SQTGQQSSLP AVVSNTQLLA IHTGGQR
Source	E.coli
Target Names	scalR
Protein Names	Recommended name: Type-2 restriction enzyme Scal Short name= R.Scal EC= 3.1.21.4 Alternative name(s): Endonuclease Scal Type II restriction enzyme Scal
Expression Region	1-227
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.