



Recombinant Type-2 restriction enzyme Eco47I (eco47IR)

Product Code	CSB-EP344636ENL-B
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.	P50194
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli
Purity	>85% (SDS-PAGE)
Sequence	MSKETSFVKN AEELAKQKMD AINPELSSKF KFLIKFLSQF PEACSKPRSK KMQNKVGQEE HIEYLARSFH ESRLPRKPTP PTTVPDEVVS IVLNISFNIQ PENLERIKKEE HRLSMAAENI VGDLLERYLA EKLEPSGWIW CSGTSVKA VD FIHYDEKNNE WNLLQVKNRD NTENSSSSKI RDNTTIKKWF RTYSQRDATN WDFNPDEVSS KNLNEEDFRA FVKNYLVKII
Source	E.coli
Target Names	eco47IR
Protein Names	Recommended name: Type-2 restriction enzyme Eco47I Short name= R.Eco47I EC= 3.1.21.4 Alternative name(s): Endonuclease Eco47I Type II restriction enzyme Eco47I
Expression Region	1-230
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.