



Recombinant Escherichia coli Type-2 restriction enzyme Eco47II (eco47IIR)

Product Code	CSB-MP343465ENL
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.	P50195
Storage Buffer	Lyophilized from Tris/PBS-based buffer, 6% Trehalose, pH 8.0
Product Type	Recombinant Proteins
Immunogen Species	Escherichia coli
Purity	>85% (SDS-PAGE)
Sequence	MSLLEYISDE DLFNEVETLL TKAKKKKDAA EKTFTSNVID PFGALFEAPG FSSHEEWRNS ELARQQQKTI QNHVGTFFHQK ILGHVEGWRD MGIGGIVDLL NEERRIIAEV KNKYSTVTGG DLADKYKGLD ELVSPKHSRF KDYCAYFVNI IPRKPTRYNS PFTPSNKGSG TLCPSNPNIIR IIDGASFYEL VTGRPDALQE LHSALPHAIE YILSERLGQQ GFSIPDKDSF IKYFGLAYG
Source	Mammalian cell
Target Names	eco47IIR
Protein Names	Recommended name: Type-2 restriction enzyme Eco47II Short name= R.Eco47II EC= 3.1.21.4Alternative name(s): Endonuclease Eco47II Type II restriction enzyme Eco47II
Expression Region	1-239
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.