



Recombinant Type-2 restriction enzyme XamI (xamIR)

Product Code	CSB-EP309102XAE-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P96189
Product Type	Recombinant Protein
Immunogen Species	Xanthomonas campestris pv. amaranthicola
Purity	>85% (SDS-PAGE)
Sequence	MTSAPPRWTT AELAEDAATS AAQFRTERLA VTDSWGTHYN QARGKFELLF KKLSDLNPEA ITDDNLAEAY GLGLGEALRY LAGPPISDDD LQVIADVESI APGVLKKNAE ALRKVFGVIE RVIDPHRFPW METGGMPTEQ QREAALLASS VLLAAQRIAT ERRNEGKDNQ ETMVKDYLRT LGFTEAPAAA INTIVKGPQA MQFCAECQLG ERKADVVRRL HDTRLMAIEC KVSNSSTNSV KRLNNDAAVK AEYWIKQFGT AQVVPSRSLV SSRY
Source	E.coli
Target Names	xamIR
Protein Names	Recommended name: Type-2 restriction enzyme XamI Short name= R.XamI EC= 3.1.21.4 Alternative name(s): Endonuclease XamI Type II restriction enzyme XamI
Expression Region	1-274
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.