Recombinant Type-2 restriction enzyme BanI (banIR)

Product Code	CSB-EP322573BAF-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.	P19887
Product Type	Recombinant Protein
Immunogen Species	Aneurinibacillus aneurinilyticus (Bacillus aneurinolyticus)
Purity	>85% (SDS-PAGE)
Sequence	AQLKYNKDI DELERNAAKW WPDFLAKKES STSIIPKLVE SQDAFISLLN LSKNNPFDIF QLIDASKFPP NLFLKHLVVL TDFGGEPLNR LNQNFDSLFP MIPYGIHYIT KVLGKFEFFW NEKKYEYVFQ ELPVTSLTNS KLKIDGASIS KTVPLSDLYK DVIVLLMFGA NAVNSEVSEV LMKCEVGNLI GKTDELKKFI KERYIFVSRI TGGAEANTLG QVAQTHVIDF LRTRFGSKGH DIKSNGHIEG VTHNDGQTLT TFDVVIKKGS KSVAIEISFQ VTTNSTIERK AGQAKARYDM VSDTGNYIAY IIDGAGNFQR KNAITTICNN SHCTVAYTEE ELNVLLKFIL EKLE
Source	E.coli
Target Names	banIR
Protein Names	Recommended name: Type-2 restriction enzyme BanI Short name= R.BanI EC= 3.1.21.4 Alternative name(s): Endonuclease BanI Type II restriction enzyme BanI
Expression Region	2-354
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 of Mature 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.