



Recombinant Type-2 restriction enzyme TaqI (taqIR)

Product Code	CSB-EP321243TNN-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.	P14386
Product Type	Recombinant Protein
Immunogen Species	Thermus aquaticus
Purity	>85% (SDS-PAGE)
Sequence	MASTQAQKAL ETFERFLASL DLESYQQKYR PIKTVEQDLP RELNPLPDLY EHYWKALEDN PSFLGFEEFF DHWWEKRLRP LDEFIRKYFW GCSYAFVRLG LEARLYRTAV SIWTQFHFCY RWNASCELPL EAAPELDAQG IDALIHTSGS STGIQIKKET YRSEAKSEN R FLRKQRGTAL IEIPYTLQTP EELEEKAKRA RVNGETYRLW AKVAHHLDR L ENGFVIFRES YVKSIELFLQ KNAPTL SGLI R WDRVAQEAL TAP
Source	E.coli
Target Names	taqIR
Protein Names	Recommended name: Type-2 restriction enzyme TaqI Short name= R.TaqI EC= 3.1.21.4 Alternative name(s): Endonuclease TaqI Type II restriction enzyme TaqI
Expression Region	1-263
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.