



Recombinant Acetobacter pasteurianus Type-2 restriction enzyme ApaLI (apaLIR)

Product Code	CSB-EP525151AVW
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.	O52703
Product Type	Recombinant Protein
Immunogen Species	Acetobacter pasteurianus (Acetobacter turbidans)
Purity	≥85% (SDS-PAGE)
Sequence	MTTRQRLSAE RSQQLTRLLT ITKTANMRAL MEASELAKVI ALVAVDIGKS DEMARAFPVL WPKISPQQEY YATAVDWFTN PDETVTSTFDV VDMLDAGTSL DQDFMTYLKC LTELHKRRRK YGLILQRQPL PTMVQVSPRA LMEYGPDFPP EALASWLTWR KFFYDLNRS AQETGYLFEP ILAAAIGGEA KSARERVVRR TDDPTKGRQV DCWKVLPDGT PLAYELKLRV TIAASGQGRF GEELSFARDC SSSGAKPILV VLDPTENDKL TGLQAAYREV GGAAYVGDAW WAHLEDEAGA TMAFSIERYV RVPVASVSSF ERVIEGDATK RSLILQDLQA RLDGNELTIS LGGHQRLVER HEDQSLAADG DDDSE
Source	E.coli
Target Names	apaLIR
Protein Names	Recommended name: Type-2 restriction enzyme ApaLI Short name= R.ApaLI EC= 3.1.21.4 Alternative name(s): Endonuclease ApaLI Type II restriction enzyme ApaLI
Expression Region	1-375
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.