

Datasheet for ABIN3188181

AfIII

Overview

Quantity: 10000 U

Application: Restriction Digest (RD)

Product Details

Characteristics: An E. coli strain that carries the AfIII gene from Anabaena flos-aquae (CCAP 1403/13f). The AfIII enzyme recognizes and cuts the sequence C^ATTAAG.

Components: AfIII enzyme supplied with 10X Universal Restriction Enzyme Reaction Buffer

Application Details

Comment:

- Restriction enzyme digestion of doublestranded DNA
- Reaction: 1X Universal Restriction Enzyme Reaction Buffer
- Reaction Buffer: Buffer 1: 50%, Buffer 2: 100%, Buffer 3: 10%, Universal Buffer: 100%
- Heat Inactivation: 65°C for 20 min
- Methylation Sensitivity:
- dam methylation: Not Sensitive
- dcm methylation: Not Sensitive
- CpG Methylation: Not Sensitive

Restrictions: For Research Use only

Handling

Concentration: 20000 U/mL

Buffer: 10 mM Tris-HCl (pH 7.5), 50 mM KCl, 1 mM DTT, 0.1 mM EDTA, and 50 % (v/v) Glycerol

Storage: -20 °C

Publications

Product cited in: Johnson, Drugan, Miller, Evans: "38" in: , Vol. 1363, Issue Nucleic acids research, pp. 28-39, (

1991)