

Datasheet for ABIN3188202

NotI ClearCut

Overview

Quantity: 10000 U

Application: Restriction Digest (RD)

Product Details

Characteristics: ClearCut Enzymes are engineered to have high specificity (reduced star activity) and high activity (cuts in 5-15 minutes).

Components: NotI ClearCut 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. Incubate at 37°C
- Source: An E. coli strain that carries the modified NotI gene from Nocardia otitidiscaviarum (ATCC 14630). The NotI ClearCut enzyme recognizes and cuts the sequence GC^AGGCCGC.
- Reaction Buffer: Buffer 1: 25%, Buffer 2: 100%, Buffer 3: 25%, Universal Buffer: 100%
- Methylation Sensitivity
- dam methylation: Not Sensitive
- dcm methylation: Not Sensitive
- CpG Methylation: Blocked
- Heat Inactivation: 65°C for 20 min

Restrictions: For Research Use only

Handling

Concentration: 20000 U/mL

Buffer: 10 mM Tris-HCl (pH 7.5), 250 mM NaCl, 1 mM DTT, 0.1 mM EDTA, 0.15 % Triton® X-100, 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)