

Datasheet for ABIN3188199

KpnI ClearCut

Overview

Quantity: 20000 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: KpnI 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 KpnI gene from Klebsiella pneumoniae OK8 (ATCC 49790). The KpnI ClearCut enzyme recognizes and cuts the sequence GGTA^CC.
- Reaction Buffer: Buffer 1: 100%, Buffer 2: 25%, Buffer 3: 10%, Universal Buffer: 100%
- Methylation Sensitivity
- dam methylation: Not Sensitive
- dcm methylation: Not Sensitive
- CpG Methylation: Not Sensitive
- Heat Inactivation: No

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)