GMP Grade Bioactive

BsaI

Catalog # DM0020 Size 10 kU

Specification

Product Description	Restriction endonucleases are a class of endonuclease that recognize specific deoxynucleotide sequences and cleave the phosphodiester bond between two deoxyribonucleotides at specific sites in each chain. BspQI derived from *Bacillussphaericus*, is a commonly used restriction endonuclease. BspQI recognizes the following sequence: 5'…GGTCTC(N)1↓…3' 3'…CCAGAG(N)5↑…5'.
Form	Liquid
Activity	10 KU/mL to 10.5 KU/mL
Recommend Usage	Molecular cloning. Genotyping Southern hybridization Restrictive fragment length polymorphism (RFLP). The optimal working dilution should be determined by the end user.
Regulatory Status	GMP grade
Storage Buffer	10 mM Tris-HCl, 300 mM NaCl, 1 mM DTT, 0.1 mM EDTA, 0.5 mg/mL HAS, 50% Glycerol, pH 7.4 at 25°C.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- In vitro Transcription

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