GMP Grade Bioactive

XbaI

Catalog # DM0019 Size 15 kU

Specification

Product Description	Restriction enzymes are a class of endonucleases that recognize specific deoxynucleotide sequences and cleave phosphodiester bonds between two deoxyribonucleotides at specific sites in each strand. Restriction enzymes are important components of the "restriction-modification system". The biological role is to protect the host from foreign DNA infection. XbaI, derived from Xanthomonas campestris, is a commonly used type II restriction enzyme. This product is obtained by recombinant protein production technology.
Form	Liquid
Activity	15 KU/mL to 18 KU/mL
Recommend Usage	Linearization of in vitro transcription template. Molecular cloning. Genotyping; Southern hybridization. SNP Restriction 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, 50 mM NaCl, 1 mM DTT, 0.1 mM EDTA, 50% (v/v) Glycerol, 0.05% PS-80 (pH7.4).
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.

Applications

- In vitro Transcription

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