

Product Details

Recombinant protein XbaI is encoded by Xanthomonas campestris gene expressed by E.coli, restriction endonucleases can recognize T^ACTAGA site.

Application

Molecular cloning
Restriction site mapping
Genotyping
Southern Blot

Unit Definition

One unit is defined as the amount of enzyme required to digest 1 μg of substrate DNA at 37°C for 1 hour.

Purity

>90% as determined by SDS-PAGE.

Notes

XbaI produce 5' CTAG protruding ends and by cleavage can be efficiently linked to DNA fragments generated by AvrII, SpeI, or NheI cleavage.

Related to methylation sensitivity.

Formulation

Supplied as 0.2 μm filtered solution in 20 mM Tris, 50 mM NaCl, 1 mM DTT, 0.1 mM EDTA, pH7.4 with glycerol as protectant.

Contact us for customized product form or formulation.

Shipping and Storage

This product is supplied and shipped on dry ice.

This product is stable after storage at:

- The product MUST be stored at -20°C or lower upon receipt.
- -20°C for 12 months under sterile conditions.

Bioactivity

One unit is defined as the amount of enzyme required to digest 1 μg of substrate DNA at 37°C for 1 hour.

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