Creative Enzymes®

BsaI

Cat. No. COV-020

Lot. No. (See product label)

Introduction

Description	Restriction endonuclease Bsa I is a restriction endonuclease BsaI that is expressed by recombinant E. coli and can recognize specific sites. Restriction endonucleases are widely used in various fields such as gene localization and cloning. This enzyme can quickly cut DNA to achieve efficient gene linearization.

Product Information

Source	E. coli
Form	Clear colorless solution
Purity	≥95%, no DNase, RNase activity, host DNA residue ≤100pg/mg, host protein residue 50ppm, endotoxin residue 10EU/mg, no protease activity, sterile, mycoplasma-free.
Activity	20 U/μL
Buffer	10 mM Tris-HCl, 200 mM NaCl, 1 mM DTT 0.1 mM EDTA, 200 μg/ml Recombinant Albumin,50% Glycerol. (pH 7.4 @ 25°C).
Unit Definition	One unit is defined as the amount of enzyme required to digest 1 μg of Internal control DNA in 1 hour at 37°C in a total reaction volume of 50 μL.

Storage and Shipping Information

Storage	at -20 °C (Avoid repeated freeze-thaw cycles)