

Bsal

Cat. No. COV-020

Lot. No. (See product label)

Introduction

Description Restriction endonuclease Bsa I is a restriction endonuclease Bsal 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 $\geq 95\%$, no DNase, RNase activity, host DNA residue $\leq 100\text{pg/mg}$, 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 $\mu\text{g/ml}$ 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)