HinP1 I

Cat.:BR1G103

V01

BiOri BIOTECH

Product Description

HinP1 I is a Type IIP restriction endonuclease derived from an *Escherichia coli* strain carrying the cloned HinP1 I gene from *Haemophilus influenzae* P1 (S. Shen). Its recognition and cleavage sequences are shown below:

5'...G ↓ CGC...3'

3'...CGC ↑ G...5'

Components

Components	BR1G103-01 1000 U	BR1G103-02 2000 U
HinP1 I (10 U/μL)	1×0.1 mL	1×0.2 mL
10×Cut-Buffer	1×1 mL	1×1 mL

Unit Definition

One unit of activity is defined as the amount of enzyme required to completely digest 1 μg of λDNA within 1 h at 37°C.

Storage

Store at -20±5°C.

Notes

1. For Research Use Only. Not for use in diagnostic procedures.
2. Mix thoroughly before use. Avoid repeated freeze-thaw cycles.
3. The volume of restriction endonuclease added should not exceed 1/10 of the total reaction volume.
4. Application: digestion of genomic DNA, plasmid DNA, and PCR products.
5. Digestion longer than 3 h is not recommended, as prolonged incubation may lead to star activity.

Prepare Reaction Mix

Prepare the reaction mix on ice as follows:

Components	Volume per Reaction	Concentration in Master Mix
10×Cut-Buffer	5 μL	1×
HinP1 I (10 U/μL)	1 μL	0.2 U/μL
DNA Substrate	1 μg	--
ddH_2O	To 50 μL	--

Reaction Programe

Incubate at 37°C for 1 h. Heat inactivate the enzyme at 65°C for 20 min.

Zhuhai Biori Biotechnology Co.,Ltd
Tel: +86-0756-8699969 Web: www.biori-en.com Email: marketing@biori-en.com
Addr:No. 88, Shui' an 1st Road, Xiangzhou District, Zhuhai, Guangdong 519060, China