

Certificate of analysis

Product Name/Description: BspQ I
Cat. #: 1227A
Lot #: Specified on product label
Storage Conditions: -20 degrees C
Expiration Date: Specified on product label or package

Package Size: 500 U

Package Contents:	1. BspQ I	10 U/ μ l	500 U
	2. 10X BspQ I Buffer		1 ml

Source: Escherichia coli carrying the plasmid containing the gene for BspQ I

Quality Control Data:

Overdigestion test:

Nonspecific nuclease activity was not detected after incubating 1 μ g of λ DNA with 10 units of this enzyme in 50 μ l of the supplied buffer at 50°C for 4 hours, as assessed by agarose gel electrophoresis.

Ligation-Recutting test:

After 10-fold overdigestion with this enzyme, the DNA fragments could be ligated with T4 DNA ligase and recut with this enzyme.

Ligation: >95%, Recutting: >95%

Labeled oligonucleotide assay (LOA) test:

The degradation rate of oligonucleotides was less than 10% during incubation with 6 U of this enzyme for 1 hour at 50°C in 10 μ l of the supplied buffer.

It is certified that this product meets the above specifications, as reviewed and approved by the Quality Department of Takara Bio Inc.

Notice To Purchaser:

Please refer to the website.

Product Documents, Patent Markings, Trademarks, & Safety Information:

Refer to website for availability to download or contact your local office:

www.takara-bio.co.jp (Japanese)

www.takarabio.com (English)

Licence Statements:

Please visit our website and click the "license" button on the product's web page.

©2022 Takara Bio Inc. All Rights Reserved.

All trademarks are the property of Takara Bio Inc. or its affiliate(s) in the U.S. and/or other countries or their respective owners. Certain trademarks may not be registered in all jurisdictions.