



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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## Datasheet

### LeadGMP® BspQI Restriction Endonuclease

**Catalog Number:** P10614

**Regulation Status:** For research use only (RUO)

**Product Description:** The restriction endonuclease is a restriction endonuclease BspQ I that can recognize specific sites and is produced under GMP standards and expressed recombinantly in *Escherichia coli*. Its recognition sequence is 5'-GCTCTTC-3', with the cleavage site located downstream from the recognition sequence. Restriction endonucleases are widely used in various fields such as gene positioning and cloning. This enzyme cleaves DNA rapidly for efficient gene linearization.

**Host:** *Escherichia coli*

**Protocols:** See our web site at <http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Form:** Liquid

**Preparation Method:** *Escherichia coli* expression system

**Concentration:** 10 U/uL

**Endotoxin Level:** < 0.1 EU per 1 mL of the enzyme by the LAL method.

**Activity:** One unit of BspQI is defined as the amount of enzyme that cleave 1 ug lambdaDNA in a total reaction volume of 50 uL at 50°C for 1h.

**Recommend Usage:** SDS-PAGE

The optimal working dilution should be determined by the end user.

**Storage Buffer:** 20 mM Tris-HCl, 500 mM KCl, 0.1 mM EDTA, 1 mM DTT, 500 ug/mL rAlbumin, 50% Glycerol, 0.1% Triton X-100, pH 7

**Storage Instruction:** Store at -20°C.  
Aliquot to avoid repeated freezing and thawing.