

# Plasmid linearization

## Description of the service

If the plasmid DNA is intended for use as a PCR template, it is recommended to use it as a linear DNA. A circular plasmid mostly has a supercoiled conformation, where the target sequence is less accessible for primers and for polymerase.

Linear DNA provides more reproducible and accurate results.

Linearization is performed using restriction endonucleases. The cleaved product is further purified and quantified.

This service follows plasmid amplification and isolation.

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## Product variants

Cat. No.	Product
1850	Plasmid linearization

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## Product parameters

- isolate of a linearized plasmid in the minimal amount of 10 µg
- concentration min  $1.10^{10}$  copies/µl
- volume of 200 µl

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## Output

Finalized plasmid is delivered dissolved in sterile TE buffer (or in sterile deionized water on request). We provide you with information about plasmid concentration and purity.

