

The Optimal Enzyme for Scarless IVT Template Preparation

BspQ1

5'...NNNNGAAGAGC... 3'

3'...NNNNCCTTCTCG... 5'

Template sequence

3'-Poly(T)-5'

0nt

BamH1

5'...NNNNGGATCC... 3'

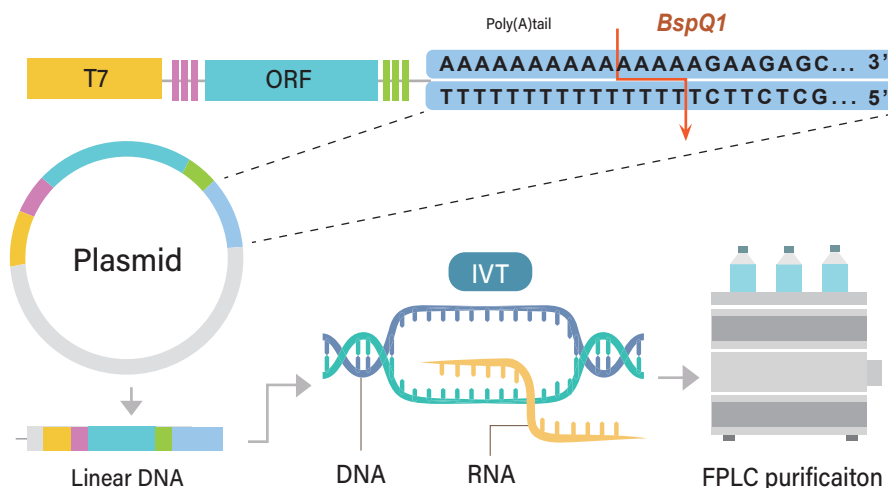
3'...NNNNCCTAGG... 5'

Template sequence

3'-Poly(T) **CCTAG** -5'

5nt

CROYEZ® GMP BspQI is a GMP-grade restriction enzyme that recognizes the non-palindromic sequence 5'-GCTCTTCN₁/N₄-3'. It provides precise cleavage with zero nucleotide overhangs, ensuring your experiments are clean and accurate. This enzyme is ideal for high-standard applications like gene therapy, mRNA vaccines, and IVT. It's delivered in an optimized liquid formula for enhanced stability and optimal performance.

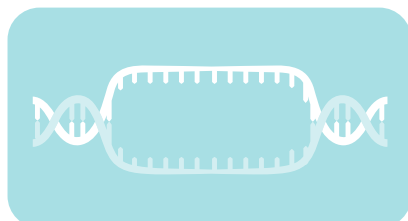


GMP QUALITY STATEMENT

Croyez GMP -grade recombinant proteins are manufactured in ISO 13485:2016

- Animal-free reagent and laboratory
- Manufactured and tested under GMP guidelines
- Testing and traceability of raw material
- Records of the maintenance and equipment calibration
- Personnel training records
- Batch-to-batch consistency
- Documentation of QA control and process changes
- Stability monitors of product shelf-life

• In Vitro Transcription(IVT)



• DNA Fragment Cloning



• For mRNA vaccine production

