

# Restriction Enzymes from Roche Applied Science – A Tradition of Premium Quality

## Guaranteed Reliability – Any Time and Every Time

Roche Applied Science introduced the first restriction enzymes in 1976. Since then, many customers have chosen to apply our enzymes in their everyday work and have relied on the quality and consistency we provide.

Our restriction enzymes represent our overall quality philosophy: to guarantee our customers products of the highest possible functionality. We ensure this by following stringent quality-control criteria, including

- ➔ determination of the exact volume activity
- ➔ absence of nonspecific endo-/exonucleases and cross contamination
- ➔ the ability to recut DNA following ligation
- ➔ stability guarantee
- ➔ lot-specific data labels

In addition, these tests are repeatedly performed during the lifetime of the enzyme. Only those lots that meet our strict quality specifications will be sold. That is why Roche Applied Science guarantees 100% activity and stability through the control date provided with every enzyme.

## Simplified Efficiency – The SuRE/Cut Buffer System

Only five buffers are needed to achieve consistent and complete single, double, triple, or more digests using more than 120 different enzymes. A complementary vial of buffer is included with each enzyme – 100% enzyme activity with this buffer is guaranteed. Color coding of caps for restriction enzymes and respective buffers supports ease of use.

## Reference Materials Available

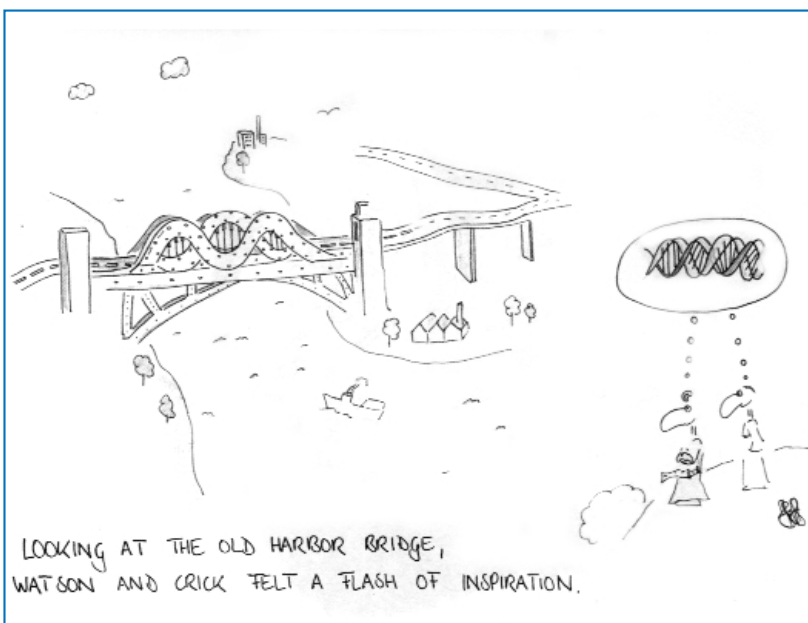
- ➔ The comprehensive *Restriction Enzyme Poster*, well known as the information source for commercially

available restriction enzymes and their recognition sequences

- ➔ The handy *Laminated Buffer Chart*, which contains all the information you will need to select quickly the optimal buffer and reaction conditions for your restriction enzymes
- ➔ The convenient *RE Finder Program*, located on our *Bench Mate Website*, helps you identify the enzymes that will cut your DNA sequence, and displays the names and recognition sequences of enzymes and isoschizomers ([www.roche-applied-science.com/benchmate/](http://www.roche-applied-science.com/benchmate/)).
- ➔ The restriction *Enzyme Ordering Guide* is your easy-to-use source for catalog numbers when placing an order.

To receive a copy of any of these materials, contact your local representative. Visit our website at

[www.roche-applied-science.com](http://www.roche-applied-science.com)



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