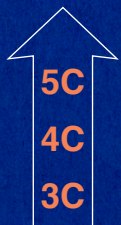


NEB Restriction Enzymes by the #s



280

Restriction enzymes
available from NEB



Novel Application:
**Chromosome
conformation
capture**

Cutting to completion is critical to this application and NEB® offers the largest selection of robust 4-, 5- and 6-bp cutters in the industry.

1

buffer



CutSmart⁺ enzymes

These enzymes are 100% active in a single buffer, CutSmart⁺, making double digests so easy and convenient!



190

Time-Saver
enzymes

Digest 1 µg of your substrate DNA in 5–15 minutes using 1 µl of our Time-Saver™ qualified enzymes. You can also use these in overnight reactions.

30 HF... all

enzymes

Supplied with Gel Loading Dye, Purple (6X)

With our High-Fidelity (HF⁺) restriction enzymes, you'll see reduced star activity, and can rapidly digest your DNA (5–15 minutes) using our CutSmart Buffer. You'll also receive a tube of our purple gel loading dye, which sharpens bands and eliminates UV shadow.

ONLINE TOOLS



NEBcloner® Enzyme Finder Double Digest Finder NEBcutter® REBASE®

Visit NEBRestrictionEnzymes.com to find online tools, tech tips and video tutorials.



Twelve

8

-base cutters

8-base cutters are known as rare-cutters – they cut less often in a genome and can therefore be useful in your cloning experiments.

46

Type IIS
enzymes

Type IIs enzymes cleave outside of their recognition sequence and are useful in DNA assembly methods, including Golden Gate assembly.

10

Nicking
enzymes

Nicking enzymes “nick” one strand of the dsDNA, rather than both. They are being used in applications such as SDA and optical mapping.