

# Endura Competent Cells

## Recommended for CRISPR lentiviral guide RNA libraries

- Stabilise repetitive or unstable DNA sequences
- Recommended for high efficiency propagation of GeCKO CRISPR libraries\*
- Ideal for single-guide RNA lentiviral library construction\*\*
- Excellent transformation efficiency:  
Electrocompetent  $\geq 1 \times 10^{10}$  cfu/ $\mu$ g  
Chemically competent  $\geq 1 \times 10^7$  cfu/ $\mu$ g

\* As referenced in the GeCKO Genome-scale CRISPR Knock-Out protocol by Zhang Lab: <http://bit.ly/CRISPR-Endura>

\*\* As referenced in the Single Guide RNA Library Design and Construction Protocol by Cold Spring Harbor: <http://bit.ly/ma-crispr>

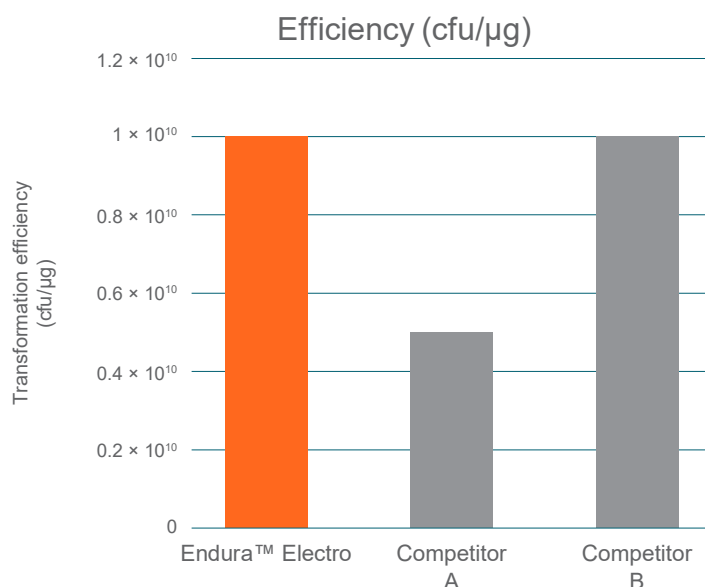


Figure 1: Transformation efficiencies of electrocompetent clone-stabilising strains.



Customise your Competent Cells for your application with bulk quantities or custom dispense volumes in plates or tubes, using our strains or yours.

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## Ordering information

VWR cat no.	Size	Description
Electro Competent Cells		
71003-036	12 rxns (DUO)	Endura Electrocompetent Cells
71003-038	24 rxns (DUO)	
Chemically Competent Cells		
71003-028	12 rxns (DUO)	Endura Chemically Competent Cells
71003-030	24 rxns (DUO)	
71003-032	12 rxns (DUO)	
71003-034	24 rxns (DUO)	

## Endura Competent Cells specification

<b>Genotype</b>	<b>Endura:</b> recA13 supE44 ara-14 galK2 lacY1 proA2 rpsL20(StrR) xyl-5 λ <sup>-</sup> leu mtl-1 F <sup>-</sup> mcrB mrr hsdS20(rB <sup>-</sup> , mB <sup>-</sup> )
<b>Components</b>	Endura Competent Cells include Control DNA and Recovery Medium, and are packaged as SOLOs (1 transformation per tube) or DUOs (2 transformations per tube) as indicated. Recovery Medium is also available separately.

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