

## Product datasheet for **CC100003**

### DH5α Chemically Competent *E. coli* Cells

#### Product data:

<b>Product Type:</b>	Competent Cells
<b>Genotype:</b>	F – $\phi$ 80lacZDM15 D(lacZYA-argF) U169 recA1 endA1 hsdR17 (rk–, mk+) phoA supE44 I – thi–1 gyrA96 relA1
<b>Components:</b>	DH5α Chemically Competent Cells (5 X 200 $\mu$ l) Positive Control DNA - pUC19 (50pg/ $\mu$ l, 25 $\mu$ l) SOC medium – 20ml
<b>Features:</b>	Chemically Competent Accommodates small and larger plasmids RecA1 and endA1 markers for minimal recombination and enhanced quality of plasmid DNA
<b>Applications:</b>	lacZ marker for blue/white color screening Transformation of cloned DNA into bacterial cells Ideal for subcloning and generating cDNA libraries
<b>Storage:</b>	The Competent Cells should be stored at -80°C. pUC19 Control DNA should be stored at -20°C and SOC recovery medium should be stored at 4°C immediately upon arrival.
<b>Stability:</b>	The cells are stable for 6 months from the date of shipment.



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