

## Alpha-Gold Competent Cells (20 x 50 ul)

Catalog # CC100001

### Genotype:

F<sup>-</sup> *deoR endA1 recA1 relA1 gyrA96 hsdR17(r<sub>k</sub><sup>-</sup>, m<sub>k</sub><sup>+</sup>) supE44 thi-1 phoA Δ(lacZYA argF)U169 Φ80lacZΔM15λ<sup>-</sup>*

**Product Description:** Alpha-Gold Competent Cells contain a *lacZ* marker that provides α - complementation of the β-galactosidase gene for blue/white color screening. The cells are also ideal for generating cDNA libraries and subcloning. Alpha-Gold Competent Cells also provide *recA1* and *endA1* markers for minimal recombination and enhance the quality of the plasmid DNA. pUC19 DNA is also provided as a positive control.

### Product Specifications

Alpha-Gold competent cells - 1ml (20 x 50μl)

Control DNA - pUC19 (10pg/μl)

SOC Medium – 10 ml

Efficiency: ≥10<sup>9</sup> cfu/μg of pUC19

### Features

- Both Electroporation Grade and Chemically Competent
- Accommodates small and larger plasmids
- Minimal recombination and enhanced quality of plasmid DNA

### Related Products

TrueORF cDNA clones

[www.origene.com/orf/](http://www.origene.com/orf/)

TrueClone cDNA collection

[www.origene.com/cdna/trueclone/](http://www.origene.com/cdna/trueclone/)

HuSH-29 shRNA plasmids

[www.origene.com/shrna/](http://www.origene.com/shrna/)

MicroRNA expression plasmids

[www.origene.com/MicroRNA/](http://www.origene.com/MicroRNA/)

### Shipping

This product is shipped on Dry Ice

**Storage and Stability:** Alpha-Gold Competent Cells should be stored at -80°C. The cells are stable for 6 months from the date of shipment.

### Terms of Use

By opening the product, the purchaser agrees not to distribute, resell, modify for re-sell or use to manufacture commercial products without prior written approval from OriGene Technologies, Inc. If you do not agree with these conditions, please return product to OriGene for a full refund.