

ECOS™ Sonic™ Competent Cells [BL21(DE3) Derived]

Product overview

Description

We have taken it upon ourselves to continue the production of **Acella™ cells** previously from Edge Biosystems Inc., which we have now renamed as **ECOS™ Sonic™**

Sonic™ Competent Cells allow you to clone and express in one novel strain. Also available with the pLysS plasmid, the Sonic™ strain is a BL21-derivative that features complete deletions of the *endA* and *recA* genes, eliminating degradation and recombination of DNA.

For optimal results, recommended for use in combination with Yeastern's proprietary **T&A™ expression vector**, which will combine transformation, cloning and protein expression into one single step.

Features

Fast: Only 4-6hrs culture time required to isolate plasmid DNA

Stable: Lack of *ompT* and Ion proteases to stabilize synthesized protein; deletion of *endA* and *recA* eliminates DNA degradation and recombination

High efficiency: 1×10^8 cfu/ug

High protein yield: T7 promoter used

Simple to use: clone and express with the same strain, no more sub-cloning required!

Applications

- protein expression/ toxic protein expression
- preservation of the PCR product
- preservation of the expression plasmid

Store at



Genotype

F⁻ ompT hsdS_B (r_B⁻m_B⁻) gal dcm (DE3) ΔendA ΔrecA

Specifications

HYE007-SONIC-5VL (5 preps)

Efficiency $>1 \times 10^8$ cfu/μg, 100 μl/vial, Control Plasmid (pUC19)

HYE007-SONIC-20VL (20 preps)

Efficiency $>1 \times 10^8$ cfu/ μ g, 100 μ l/vial, Control Plasmid (pUC19)

Fashion & Pro : 1 steps

