

# Lentivirus Technology

#### PROPAGATION OF LENTIVECTOR CONSTRUCTS Endura Competent E. coli Cells



### **Lentiviral Systems**

Lentivector constructs actively integrate into genomic DNA without requiring cell replication. They are the most effective vehicles for the delivery to and expression of a genetic element in almost any mammalian cell type - including non-dividing cells and model organisms. Choose from a wide variety of lentiviral expression vectors, packaging systems, titer kits and other tools facilitating lentiviral transduction experiments.

#### Extended set of third generation cloning & expression lentivectors

- Get reliable, stable and even inducible gene expression
- Choose the promoter and reporter suitable for your application

#### Endura competent E. coli cells for propagating lentivector constructs

- Clone unstable sequences like retroviral elements with reliable results
- Create CRISPR/Cas9 lentiviral gRNA constructs and libraries, e.g. GeCKO

#### **Reagents for lentivirus production and transduction**

- Produce high titers of transduction-ready pseudoviral particles
- · Efficiently deliver and stably express your lentivector constructs

#### PEG-it Virus Precipitation Solution for cryopreservation

- Concentrate and cryoprotect lentiviral particles in one step
- Benefit from freezing lentiviral particles without titer loss

#### www.biocat.com/lenti

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