Infect All Cells

LentiFect™ Lentiviral Particles

For in vitro and in vivo applications

Features

- Titers ranging from $10^8$ to $10^9$ TU/ml
- Purified and ultra-purified for in vitro and in vivo studies, respectively
- Largest collection of sequence-verified ORF cDNA, miRNA, shRNA, promoter, and sgRNA lentiviral clones available for packaging
- Collection of 100+ premade lentiviral particles available for Next-day™ shipment, including GFP, mCherry, YFP, CFP and luciferases

---

Purified particles for in vitro (cell culture) studies

Figure 1. H1299 cells in 24-well plates were transduced with the indicated amounts of eGFP purified particles, (catalog number LPP-EGFP-LV105) in the presence of 5 µg/ml of polybrene. The expression of eGFP was visualized with a fluorescence microscope 72 hours post-transduction.

Ultra-purified particles for in vivo (animal) studies

Figure 2. H1299 cells in 24-well plates were transduced with the indicated amounts of eGFP ultra purified particles. The expression of eGFP was checked with a fluorescence microscope 48 hours post-transduction. Exposure time was 0.2 s.
LentiFect™ Lentiviral Particles

High quality • Quick delivery • Low price

Lentiviral Particles for in vivo and in vitro studies

<table>
<thead>
<tr>
<th>Custom lentiviral particles</th>
<th>Features</th>
</tr>
</thead>
<tbody>
<tr>
<td>Titer of 10^8 TU/mL, purified and concentrated</td>
<td>Any ORF, shRNA, sgRNA, precursor miRNA or miRNA inhibitors</td>
</tr>
<tr>
<td></td>
<td>Third generation packaging system</td>
</tr>
<tr>
<td></td>
<td>Titer determined by qPCR</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Premade particles</th>
<th>Features</th>
</tr>
</thead>
<tbody>
<tr>
<td>Titer over 10^9 TU/mL, purified and concentrated</td>
<td>Positive and negative controls</td>
</tr>
<tr>
<td></td>
<td>Fluorescent tags: eGFP, eYFP, eCFP, mCherry, PLUM Luciferase reporters: Firefly, Renilla, Gaussia</td>
</tr>
<tr>
<td></td>
<td>iPSC ORF clones</td>
</tr>
<tr>
<td></td>
<td>OSKM transcription factors: Oct4, Sox2, Klf4, c-Myc, Nanog and Lin28</td>
</tr>
<tr>
<td></td>
<td>Utility ORF clones</td>
</tr>
<tr>
<td></td>
<td>CRE recombinase, FLP recombinase, SV40 large T antigen, HIV tat, Cas9 nuclease*</td>
</tr>
</tbody>
</table>

*Cas9 nuclease titer ranges from 10^6 to 10^8 TU/mL

Premade particles: Next-day shipment and clone price included!

GeneCopoeia lentiviral clone features

Promoter†
Gene of Interest
Tag*
Fluorescent / Reporter gene
Selection marker

CMV
EF1α
CAG
PGK
SV40
H1
U6

CMV
EF1α
CAG
PGK
SV40
H1
U6

ORF
shRNA
CRISPR sgRNA
miRNA precursor
miRNA inhibitor
N/A
Flag
Avi
His
HA
Myc
V5
Halo
N/A
N/A
N/A
eGFP
mCherry
eCFP
eYFP
hLuc
N/A
Puro
Neo
Hygro
Blast

pUC Ori
Amp†

*Not all tags, fluorescent/reporter genes and selection markers might be available for your product/vector of choice. Please refer to our website for detailed information.

†You can also choose the promoter of a specific gene to study its transcription and regulation. Please refer to “promoter reporter” product on our website for more details.

Contact us:
GeneCopoeia, Inc.
9620 Medical Center Dr. Suite 101.
Rockville, MD 20850 USA

Email
Tel
Toll free
Fax
Website
inquiry@genecopoeia.com
+1 (301) 762-0888
+1 (866) 360-9531
+1 (301) 762-3888
www.genecopoeia.com

Copyright © 2017 GeneCopoeia, Inc.