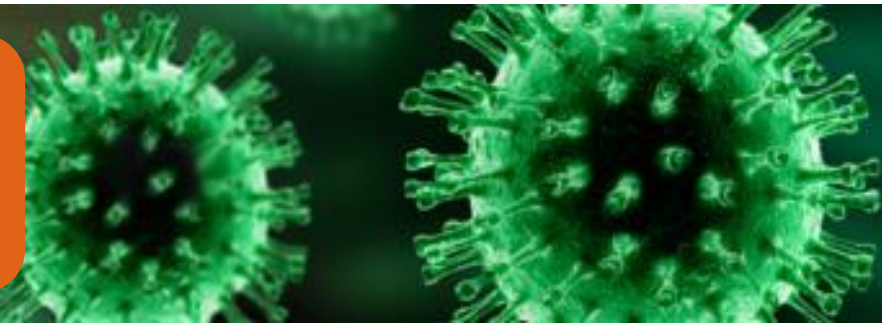



Custom Lentivirus Service

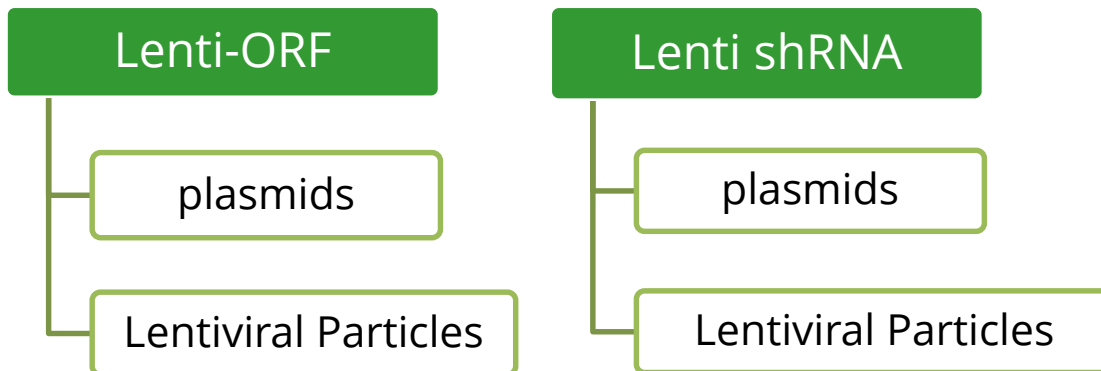
- ✓ High Quality
- ✓ Ultra High Titer
- ✓ Flexible Volume



Powerful gene delivery tool, high transduction efficiency. Lentiviral system can be used for both gene overexpression and gene knockdown (shRNA).

- **Biosafety:** 3rd generation technology (safest)
- **Broad spectrum:** Transduce most cells and animal models
- **Convenience:** Just add to cells and get results (virus)
- **Coverage:** Genome wide 

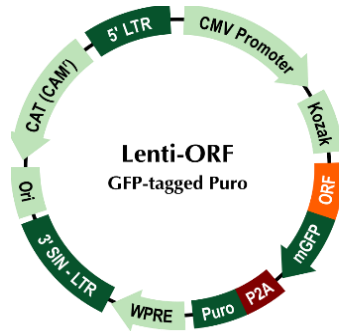
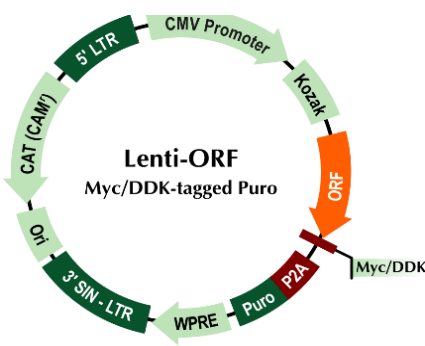
Lentiviral Products:



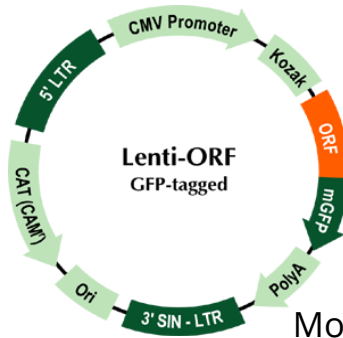
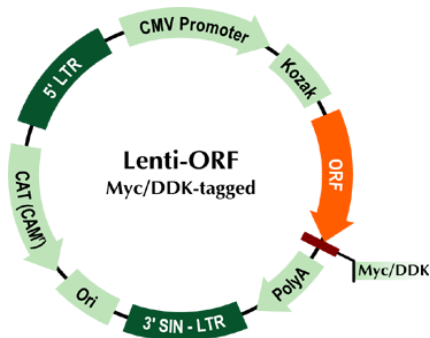
Lenti accessories: **Packaging kit** **Lenti titer kit** **Control particles** **Concentrator**
Lenti stabilizer

www.origene.com/lentiviral

Lenti-ORF clones, 4 vector options



Puro Vectors

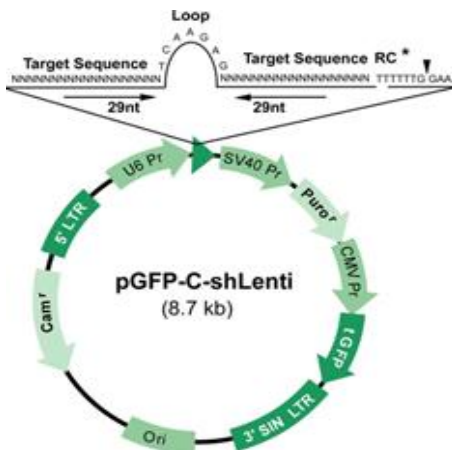


Non-Puro Vectors

More lentiviral vectors:

www.origene.com/products/vectors/orf-cloning-vectors

Lenti shRNAs

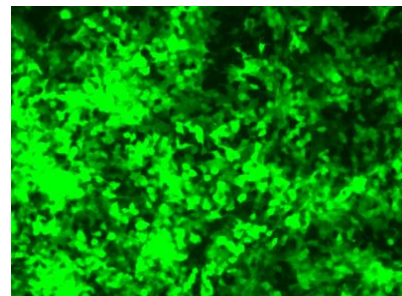


Three major functional elements

- shRNA expression under U6 promoter
- Puromycin mammalian selection marker
- tGFP as a reporter

Highly effective Lenti packaging kit

- High efficiency
- Package the 3rd generation lenti vectors
- Transfection reagent included



Transduced HEK293 cells with lenti GFP virus produced with this Lenti-vpak kit

New: Integration-deficient Lenti packaging kit
Still powerful to deliver genes, but no footprints