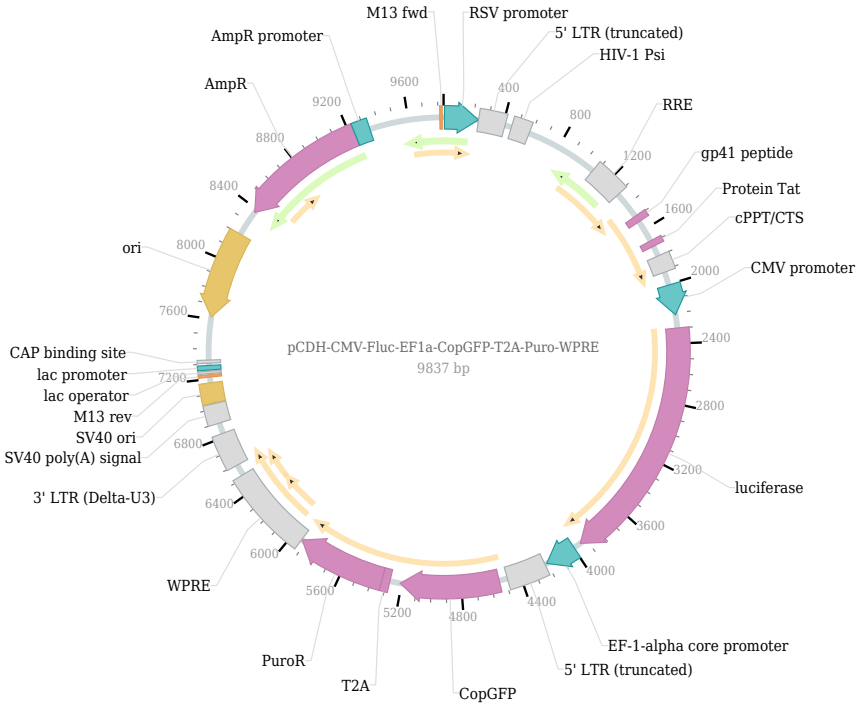
# pCDH-CMV-Fluc-EF1a-CopGFP-T2A-Puro-WPRE

| | |
|---|---|
| **Vector ID** | V013705 |
| **Antibiotic Resistance** | Ampicillin |
| **Length** | 9837 bp |
| **Vector Type** | Protein expression |
| **Host** | Mammalian cells, Lentivirus |

## Product Information

| | |
|---|---|
| **Replication Origin** | ori |
| **Selection Marker** | Puro |
| **Promoter** | EF-1α core |
| **Growth Strain(s)** | Stbl3 |
| **Growth Temperature** | 37℃ |
| **Comment** | pCDH-CMV-Fluc-EF1a-CopGFP-T2A-Puro-WPRE is an SBI lentiviral vector with CMV-driven firefly luciferase, EF1a-driven CopGFP-T2A-Puro dual marker, and WPRE element for enhanced expression. |

## Vector Map



## Plasmid Resuspension Protocol

1. Centrifuge at 5,000×g for 5 min.
2. Carefully open the tube and add sterile water to dissolve the DNA: add 20 µl for 5 µg plasmid, and 100 µl for 100 µg plasmid.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin to concentrate the liquid at the bottom. Speed is less than 5000×g.
5. Store the plasmid at -20 ℃.