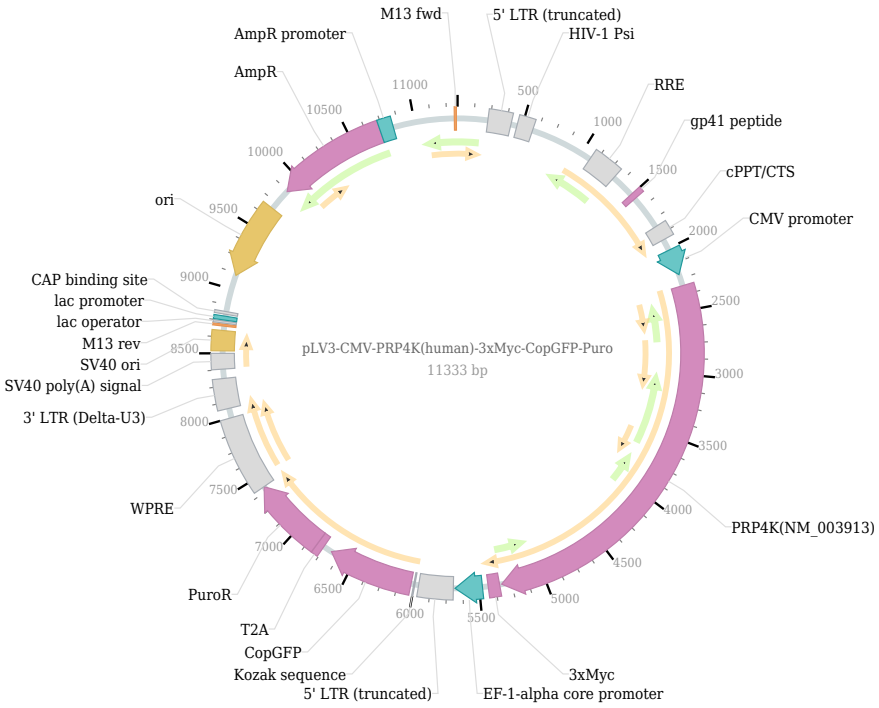
# pLV3-CMV-PRP4K(human)-3xMyc-CopGFP-Puro

| | |
|---|---|
| **Vector ID** | V024124 |
| **Accession ID** | NM_003913.5 |
| **Antibiotic Resistance** | Ampicillin |
| **Length** | 11333 bp |
| **Vector Type** | Protein expression |
| **Host** | Mammalian cells, Lentivirus |

## Product Information

| | |
|---|---|
| **Replication Origin** | ori |
| **Selection Marker** | Puro;CopGFP |
| **Promoter** | CMV |
| **Fusion Tag** | 3xMyc |
| **Growth Strain(s)** | Stbl3 |
| **Growth Temperature** | 37℃ |
| **Expression Method** | Constiutive, Stable / Transient |
| **Comment** | pLV3-CMV-PRP4K(human)-3xMyc-CopGFP-Puro is a pLV3 lentiviral vector overexpressing human PRPF4B (PRP4K), the CMGC-family kinase of the spliceosome involved in pre-mRNA splicing and cell-cycle regulation, as a C-terminal 3xMyc fusion under the CMV promoter, with CopGFP reporter and puromycin resistance. AmpR, Stbl3 propagation. |

## 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 ℃.