# pSuper.Retro.Puro-stuffer

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|---|---|
| **Vector ID** | V013046 |
| **Antibiotic Resistance** | Ampicillin |
| **Length** | 6586 bp |
| **Vector Type** | RNA interference |
| **Host** | Mammalian cells, Retrovirus |

## Product Information

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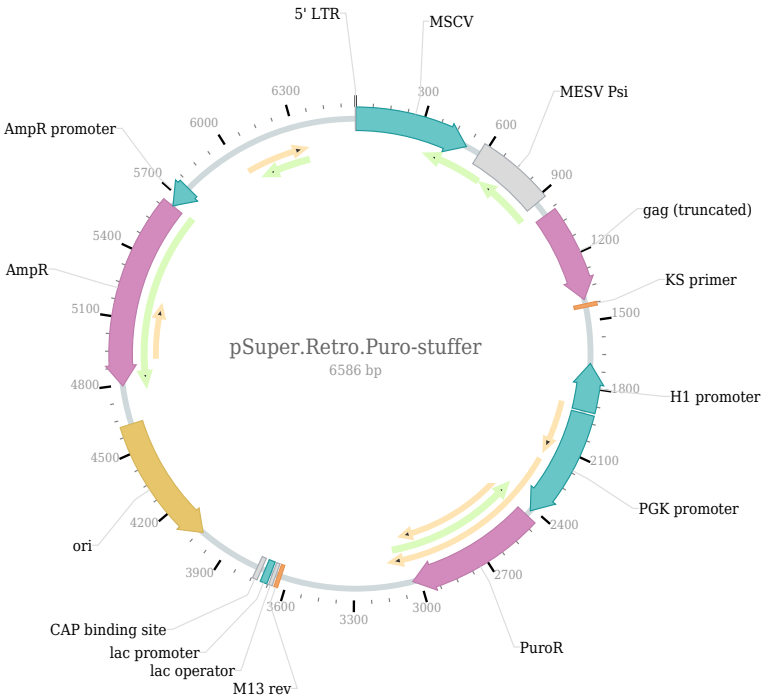
| **Replication Origin** | ori |
| **Selection Marker** | Puro |
| **Promoter** | MSCV |
| **Growth Strain(s)** | Stbl3 |
| **Growth Temperature** | 37℃ |
| **Comment** | pSuper.Retro.Puro-stuffer is a retroviral shRNA expression vector of the pSUPER system (Brummelkamp et al. 2002): H1 Pol III promoter-driven shRNA cassette in an LTR-based retroviral backbone with puromycin selection; the stuffer fragment occupies the cloning site in the empty vector. Enables stable knockdown in dividing cells. |

## 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 ℃.