

## DATASHEET

### Lenti-SV40

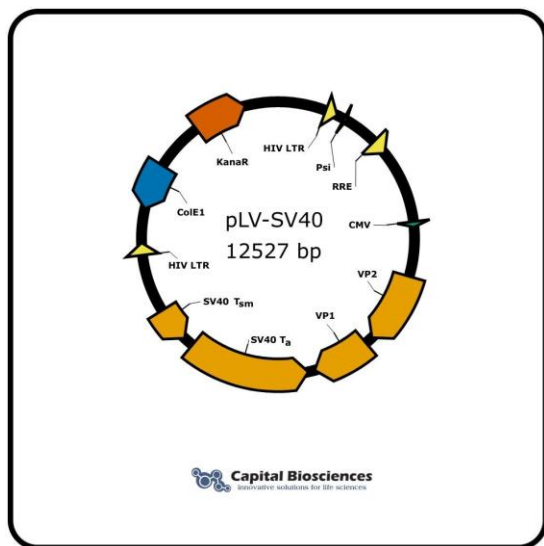
Cat. CIP-0011

Product Name: Lenti-SV40  
Titer:  $1 \times 10^6$  cfu/ml  
Volume: 10 ml  
Medium: DMEM, 10%FBS  
Storage:  $-70^{\circ}\text{C}$

**Description:** Lenti-SV40 virus is a recombinant lentivirus containing complete SV40 genome including both large and small T-antigens, as well as viral coat proteins VP1 and VP2. The virus can be used to infect primary target cells for cell immortalization. The SV40 genome is over 5kb, which exceeds the packaging limit of the lentiviral vector and will result in either very low or no lentiviral titer. For this reason, the puromycin selection marker has been deleted from our pLenti-III/HA vector to allow high titers of Lenti-SV40 virus to be produced. It is not always necessary to use a selection marker for most primary cell immortalizations, especially for epithelial cells that normally have less than 10 population doubling cycles in culture. The unimmortalized cells do not survive multiple passages and only the immortalized cells will continue growing.

**How to use:** Thaw the recombinant lentivirus supernatant in a  $37^{\circ}\text{C}$  water bath; remove it from the bath immediately when thawed. Prepare and freeze aliquots if not all volume is used.

pLenti SV40 vector:



***For Research Use Only***

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