# pBK-CMV

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| **Vector ID** | V011347 |
| **Antibiotic Resistance** | Kanamycin |
| **Length** | 4518 bp |
| **Vector Type** | Mammalian Expression Vectors |

## Product Information

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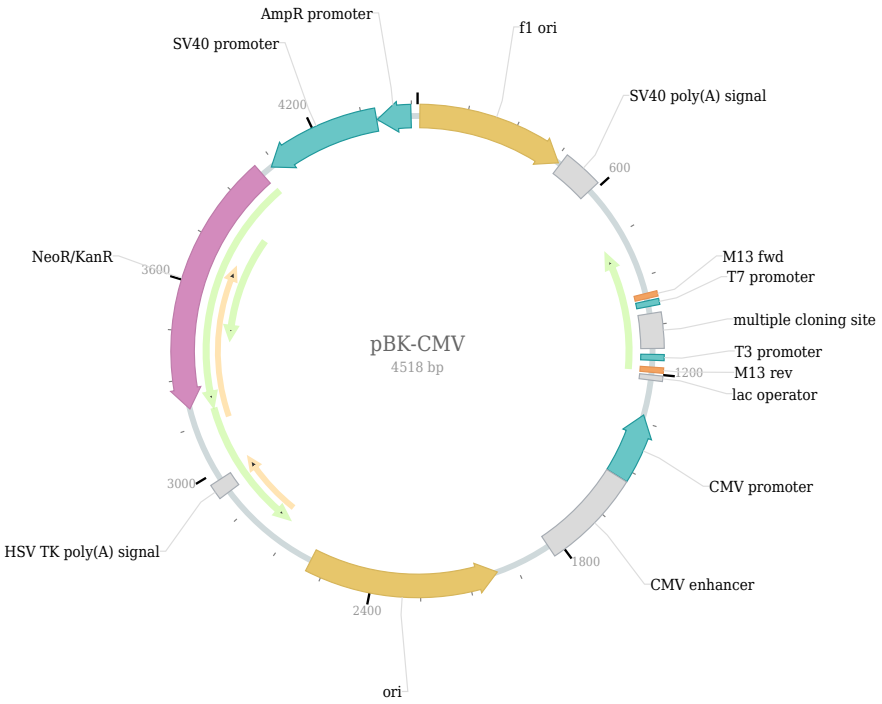
| **Replication Origin** | ori |
| **Source/Author** | Agilent Technologies |
| **Selection Marker** | Neomycin/G418(Geneticin) |
| **Copy Number** | High copy number |
| **Promoter** | CMV |
| **5' Primer** | M13 fwd |
| **3' Primer** | M13 rev |
| **Growth Temperature** | 37℃ |
| **Comment** | pBK-CMV is a mammalian expression vector. It uses the strong cytomegalovirus (CMV) promoter to drive high-level expression of cloned genes in mammalian cells and contains a neomycin resistance gene for selection. Its backbone is derived from pBluescript II. |

## 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 ℃.