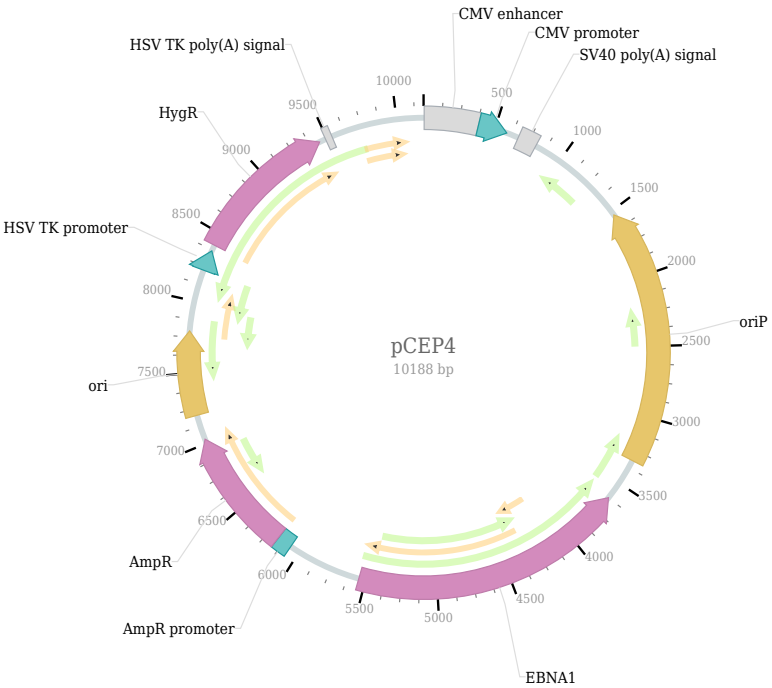
# pCEP4

| | |
|---|---|
| **Vector ID** | V012686 |
| **Antibiotic Resistance** | Ampicillin |
| **Length** | 10188 bp |
| **Vector Type** | Mammalian Expression Vectors |

## Product Information

| | |
|---|---|
| **Replication Origin** | ori |
| **Source/Author** | Thermo Fisher Scientific |
| **Selection Marker** | Hygromycin |
| **Copy Number** | High copy number |
| **Promoter** | CMV |
| **Cloning Method** | Enzyme Cut |
| **Growth Temperature** | 37℃ |
| **Expression Method** | Constiutive, Stable / Transient |
| **Comment** | pCEP4 vector is designed for high-level, constitutive expression from either the CMV or RSV promoters. Both vectors contain the EBNA-1 gene for episomal expression in primate and canine cell lines. |

## 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 ℃.