# pCMV-MCS-P2A-mCherry-Neo

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|---|---|
| **Vector ID** | V014828 |
| **Antibiotic Resistance** | Ampicillin |
| **Length** | 6859 bp |
| **Vector Type** | Protein expression |
| **Host** | Mammalian cells |

## Product Information

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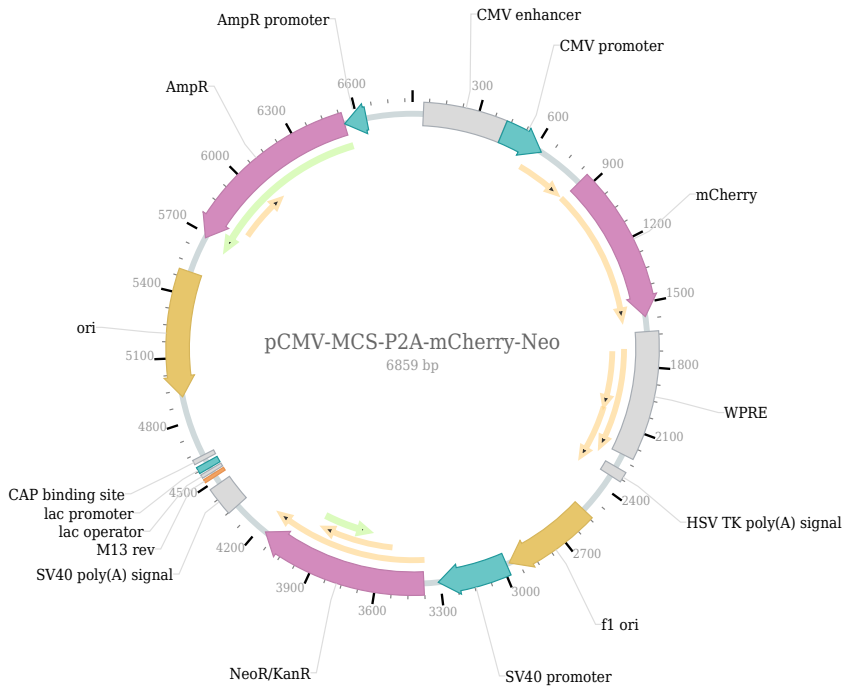
| **Replication Origin** | ori |
| **Selection Marker** | Neo/G418 |
| **Promoter** | SV40 |
| **5' Primer** | CMV-F |
| **Growth Strain(s)** | DH10B |
| **Growth Temperature** | 37℃ |
| **Comment** | pCMV-MCS-P2A-mCherry-Neo is a mammalian bicistronic expression vector with CMV promoter, P2A self-cleavage peptide for equimolar co-expression of mCherry and gene-of-interest, Neo resistance, for fluorescent reporter-based expression studies. |

## 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 ℃.