



**Location of features**

- Enhancer: 64–473
- $P_{\text{minCMV1}}$  (minimal human cytomegalovirus promoter 1): 474–599
- MCS 1 (multiple cloning site 1): 602–663
- SV40 polyA signals: 675–862
- ColE1 origin of replication: 1038–1637
- Amp<sup>r</sup> (ampicillin resistance gene): 1799–2659 (complementary)
- SV40 polyA signals: 2795–2982 (complementary)
- MCS 2 (multiple cloning site 2): 2986–3040
- $P_{\text{minCMV2}}$  (minimal human cytomegalovirus promoter 2): 3046–3114

**Propagation in *E. coli***

- Recommended host strain: DH5 $\alpha^{\text{TM}}$  and other general purpose strains.
- Selectable marker: plasmid confers resistance to ampicillin (100  $\mu\text{g/ml}$ ) in *E. coli* hosts.
- *E. coli* replication origin: ColE1
- Copy number: low
- Plasmid incompatibility group: pMB1/ColE1

**Note:** The vector sequence was compiled from information in the sequence databases, published literature, and other sources, together with partial sequences obtained by Clontech. This vector has not been completely sequenced.

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