# Vector Map



# pCMV-(DYKDDDDK)-N



#### pCMV-(DYKDDDDK)-N vector map and multiple cloning site.

To create a fusion of your protein of interest and the DYKDDDDK tag, insert your gene of interest in-frame with the DYKDDDDK coding sequence.

### **Location of Features**

- $P_{\text{CMV}}$  (human cytomegalovirus promoter): 27–549
- SV40 SD/SA (SV40 donor/acceptor splice sites): 672–768
- ATG + DYKDDDDK epitope (Start codon + epitope): 829–855
- MCS (multiple cloning site): 869–909
- SV40 polyA (SV40 polyA signal): 1041-1060
- pUC ori (pUC origin of replication): 1533–2176
- Amp<sup>r</sup> (ampicillin resistance gene): 2324–3184 (complementary)

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