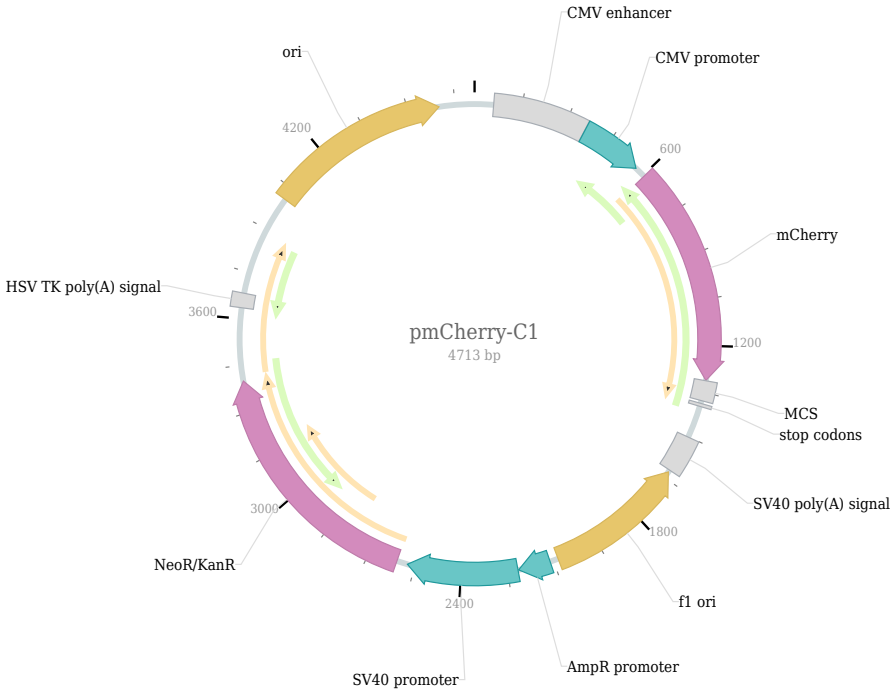
pmCherry-C1

Vector ID	V011976
Antibiotic Resistance	Kanamycin
Length	4713 bp
Vector Type	Fluorescent Protein Genes & Plasmids

Product Information

Replication Origin	ori
Source/Author	Clontech
Selection Marker	Neomycin/G418(Geneticin)
Copy Number	High copy number
Comment	pmCherry-C1 is a mammalian expression vector on the pEGFP-C1 backbone for N-terminal mCherry fusions: mCherry is joined to the N-terminus of a target protein under the CMV promoter. Used for red-fluorescent subcellular localization, trafficking, and colocalization 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 ℃.