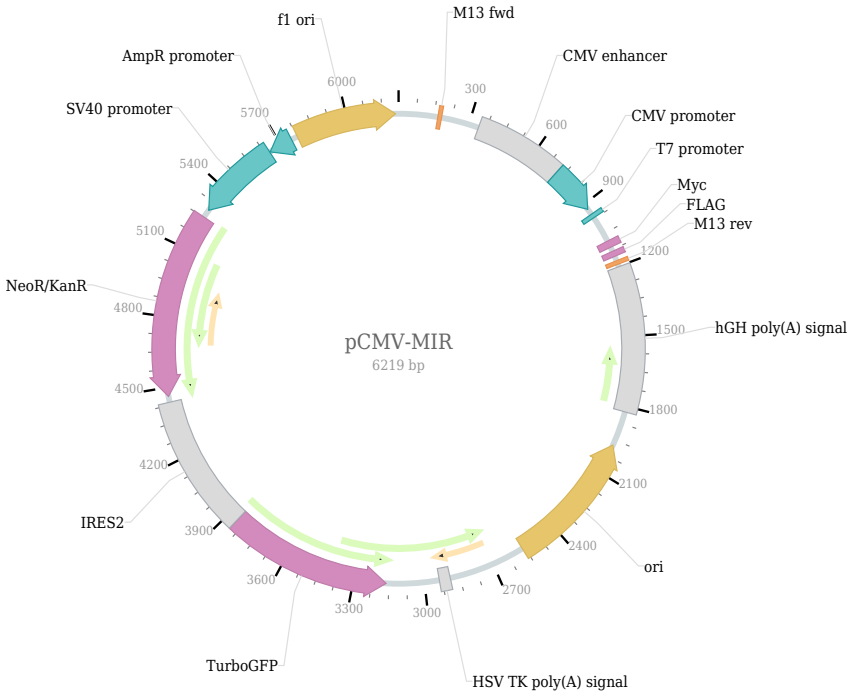
pCMV-MIR

Vector ID	V011248
Antibiotic Resistance	Kanamycin
Length	6219 bp
Vector Type	Mammalian Expression Vectors

Product Information

Replication Origin	ori
Source/Author	OriGene
Selection Marker	Neomycin/G418(Geneticin)
Copy Number	High copy number
Promoter	SV40
Growth Strain(s)	DH10b
Growth Temperature	37℃
Comment	The pCMV-MIR vector is designed for the expression of microRNA (miRNA) precursors under the control of the CMV promoter. It includes a GFP reporter for monitoring transfection efficiency and a neomycin resistance gene for selection purposes.

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 ℃.