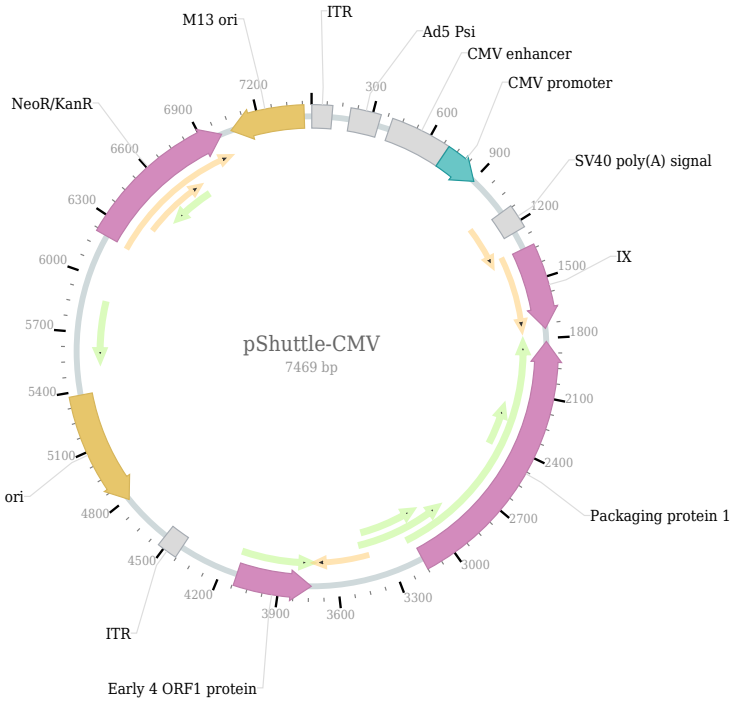
pShuttle-CMV

载体编号 Vector ID	V012203
抗性 Antibiotic Resistance	Kanamycin
长度 Length	7469 bp
载体类型 Vector Type	Adenovirus Systems

产品信息

复制子 Replication Origin	ori
拷贝数 Copy Number	Low copy number
启动子 Promoter	CMV
克隆方法 Cloning Method	Enzyme digestion and ligation
5' 引物 5' Primer	pShuttle-CMV-F: GGTCTATATAAGCAGAGCTG
3' 引物 3' Primer	pShuttle-CMV-R: GTGGTATGGCTGATTATGATCAG
备注 Comment	The vector pShuttle-CMV contains a multiple cloning site sandwiched between the CMV promoter and the SV40 polyadenylation signal and is suitable for insertion of a large cDNA (up to 6.6 kb). pShuttle contains only a multiple cloning site. This allows for the insertion of an entire expression cassette, including specialized promoters and termination signals (up to 7.5 kb). The regions indicated as arms are the stretches of sequence homology with pAdEasy-1 where the homologous recombination occurs. The R-ITR and L-ITR regions are short inverted terminal repeats (Left and Right) which have a role in replication of the viral DNA.

质粒图谱



复溶方法

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 ℃.