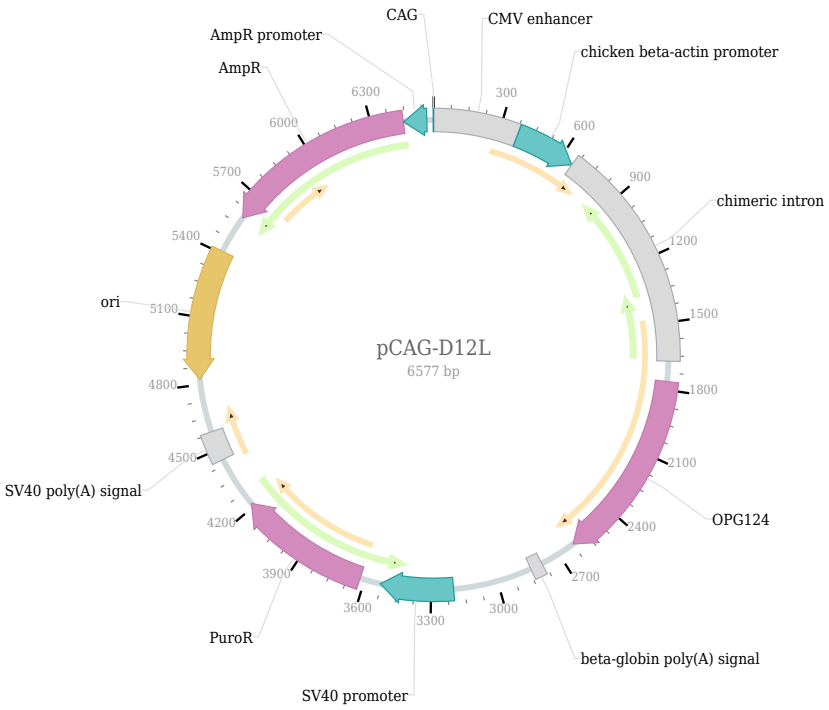
pCAG-D12L

载体编号 Vector ID	V014471
抗性 Antibiotic Resistance	Ampicillin
长度 Length	6577 bp
载体类型 Vector Type	Protein expression
宿主 Host	Mammalian cells

产品信息

复制子 Replication Origin	ori
筛选标记 Selection Marker	Puro
启动子 Promoter	CAG
5'引物 5' Primer	pcaggs-F□GTTCGGCTTCTGGCGTGT
培养温度 Growth Temperature	37℃
备注 Comment	pCAG-D12L is a mammalian expression vector. It features the CAG hybrid promoter (CMV enhancer + chicken β-actin promoter + chimeric intron) for high-level constitutive expression of the D12L (OPG124) gene. The vector also includes a SV40 promoter driving PuroR (puromycin resistance) for stable selection, plus SV40 poly(A) and β-globin poly(A) signals, AmpR, and a pUC origin.

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 ℃.