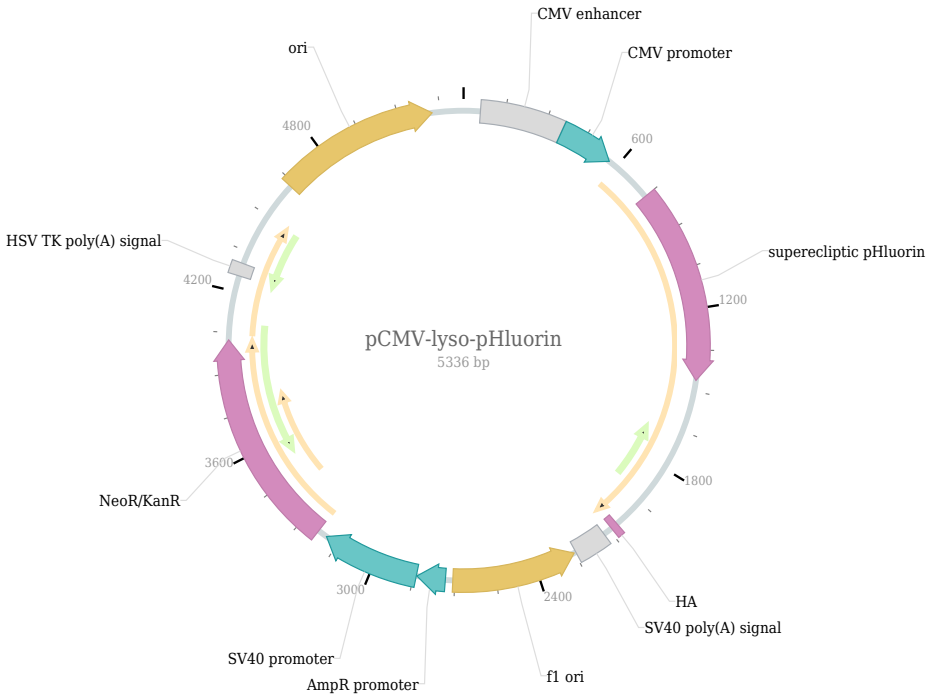
pCMV-lyso-pHluorin

载体编号 Vector ID	V017308
抗性 Antibiotic Resistance	Kanamycin
长度 Length	5336 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	Neo/G418
启动子 Promoter	CMV
培养菌株 Growth Strain(s)	DH10B
培养温度 Growth Temperature	37℃
备注 Comment	pCMV-lyso-pHluorin is a mammalian expression plasmid. Its CMV promoter drives CD63-lyso-pHluorin—a pH-sensitive fluorescent reporter targeted to lysosomes—enabling optical readout of lysosomal acidification in live cells, with G418 selection.

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 ℃.