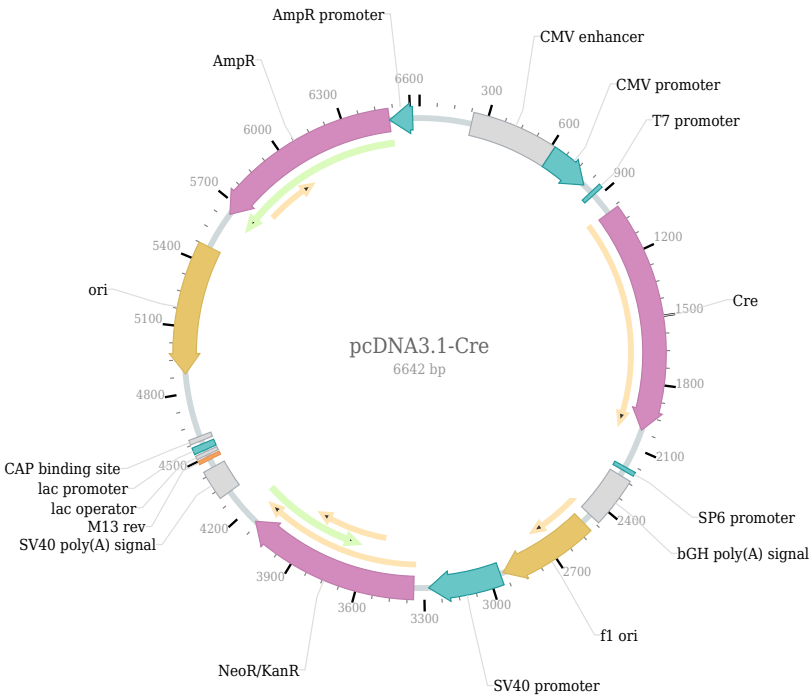
pcDNA3.1-Cre

载体编号 Vector ID	V012087
抗性 Antibiotic Resistance	Ampicillin
长度 Length	6642 bp
载体类型 Vector Type	Mammalian Expression Vectors, Cre/Lox Systems

产品信息

复制子 Replication Origin	ori
筛选标记 Selection Marker	Neomycin (select with G418)
启动子 Promoter	CMV
培养菌株 Growth Strain(s)	DH5a
备注 Comment	pcDNA3.1-Cre is designed to express the Cre recombinase gene, driven by the strong CMV promoter along with a T7 promoter. The vector includes the NeoR/KanR gene for antibiotic selection in mammalian cells and the AmpR gene for bacterial propagation. It also features the SV40 promoter and f1 ori for additional functionality.

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 ℃.