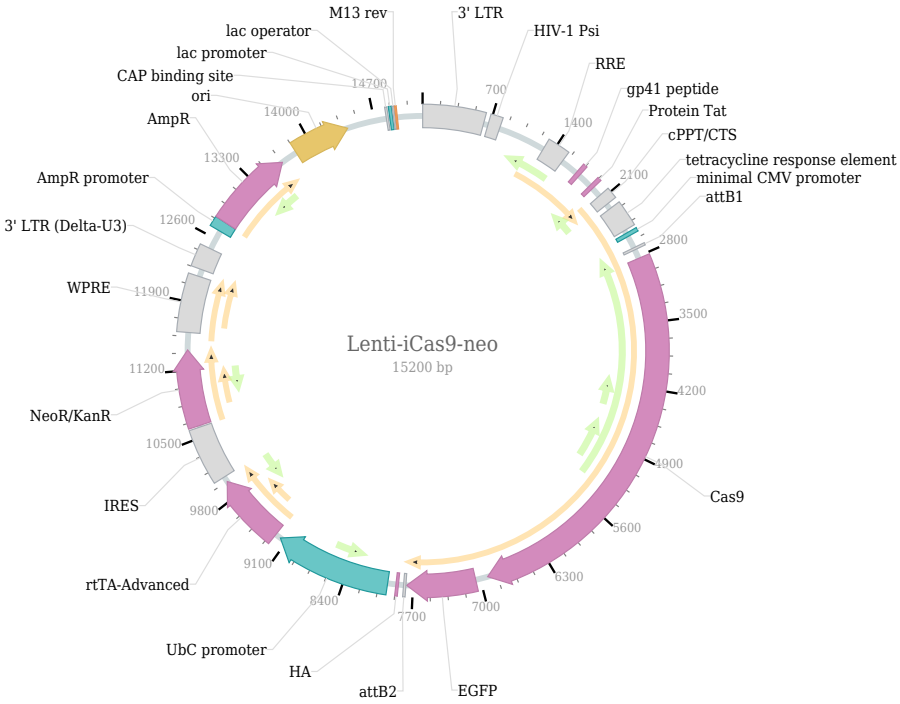
Lenti-iCas9-neo

载体编号 Vector ID	V017072
抗性 Antibiotic Resistance	Ampicillin
长度 Length	15200 bp
载体类型 Vector Type	Gene knockout
宿主 Host	Mammalian cells, Lentivirus

产品信息

复制子 Replication Origin	ori
筛选标记 Selection Marker	Neo/G418
启动子 Promoter	UbC
培养菌株 Growth Strain(s)	Stbl3
培养温度 Growth Temperature	37℃
备注 Comment	The Lenti-iCas9-neo plasmid is a doxycycline-inducible CRISPR/Cas9 system featuring: Tight temporal control via TRE2 promoter; FLAG-tagged spCas9 with P2A-EGFP reporter for visualization; Neomycin resistance for stable selection; Lentiviral delivery capability; Demonstrated high knockout efficiency (85-96% protein reduction) across multiple cell lines.

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 ℃.