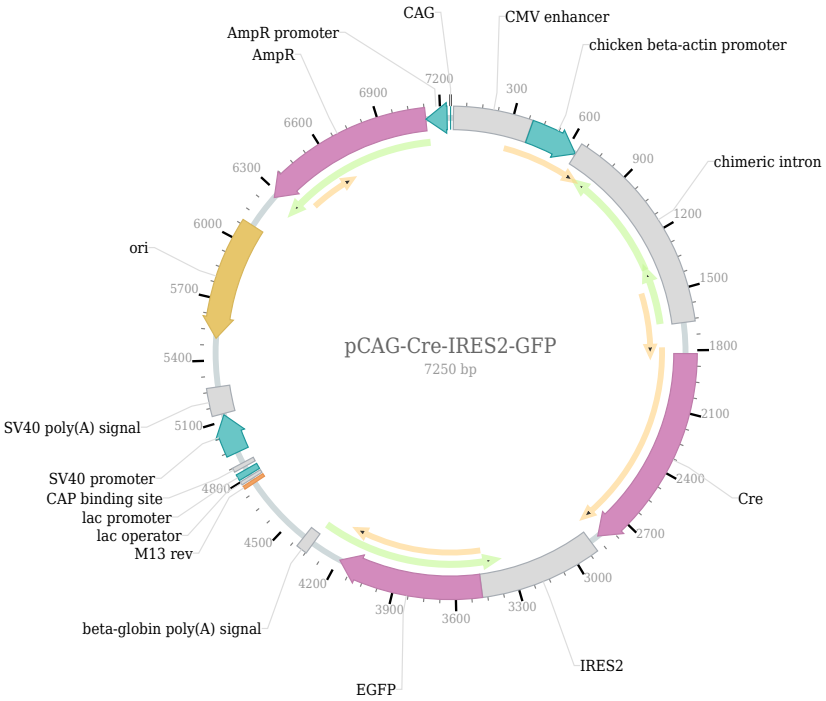
pCAG-Cre-IRES2-GFP

载体编号 Vector ID	V006586
抗性 Antibiotic Resistance	Ampicillin
长度 Length	7250 bp
载体类型 Vector Type	Cre/Lox system, mammalian expression vectors

产品信息

复制子 Replication Origin	ori
筛选标记 Selection Marker	EGFP
启动子 Promoter	CAG
培养菌株 Growth Strain(s)	DH10B
备注 Comment	pCAG-Cre-IRES2-GFP is a mammalian Cre/Lox expression plasmid. Its CAG promoter drives a single transcript where IRES2 links nls-Cre and EGFP, enabling nuclear Cre recombinase expression for LoxP-site recombination while EGFP reports transduction efficiency.

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 ℃.