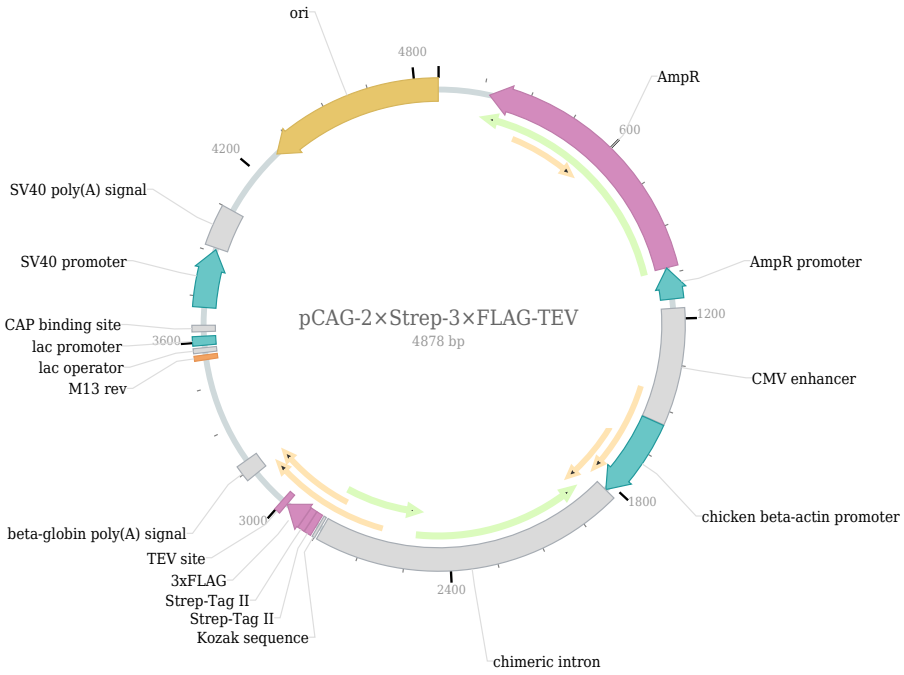
pCAG-2×Strep-3×FLAG-TEV

载体编号 Vector ID	V014305
抗性 Antibiotic Resistance	Ampicillin
长度 Length	4878 bp
载体类型 Vector Type	Protein expression
宿主 Host	Mammalian cells

产品信息

复制子 Replication Origin	ori
启动子 Promoter	CAG
培养菌株 Growth Strain(s)	DH10B
培养温度 Growth Temperature	37℃
备注 Comment	pCAG-2×Strep-3×FLAG-TEV is a mammalian expression vector with an N-terminal triple-tag system for affinity purification and detection. The CAG promoter (CMV enhancer + chicken β-actin promoter + chimeric intron) drives high-level expression of fusion proteins bearing tandem 2×Strep-Tag II, 3×FLAG, and a TEV protease cleavage site. The vector also includes AmpR for bacterial selection, a pUC ori (high-copy), SV40 promoter/poly(A), beta-globin poly(A), lac promoter/operator/CAP site, and M13 rev priming site.

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 ℃.