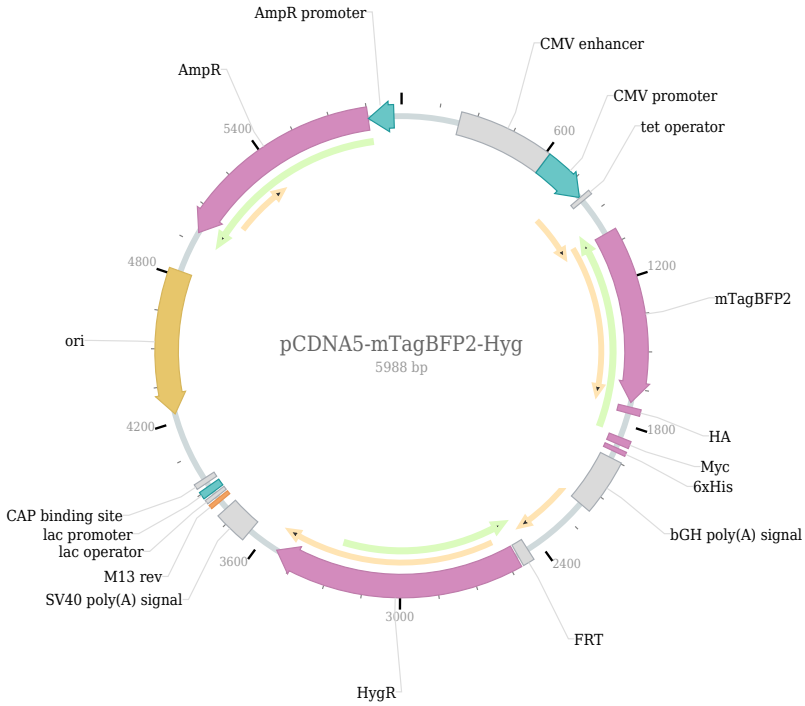
pCDNA5-mTagBFP2-Hyg

载体编号 Vector ID	V015114
抗性 Antibiotic Resistance	Ampicillin
长度 Length	5988 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	Hyg
启动子 Promoter	CMV
5' 引物 5' Primer	CMV-F
培养温度 Growth Temperature	37℃
备注 Comment	pCDNA5-mTagBFP2-Hyg (6.0kb) is a mammalian expression vector for inducible blue fluorescent protein production. It features a CMV promoter with a tet operator (Tet-On system) driving mTagBFP2, a bright blue fluorophore. The C-terminal fusion includes HA, Myc, and 6xHis tags for detection and purification. The vector also carries HygR (hygromycin resistance) for stable selection, an FRT site for Flp-mediated integration, plus AmpR, SV40 poly(A), and bGH poly(A) signals.

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 ℃.