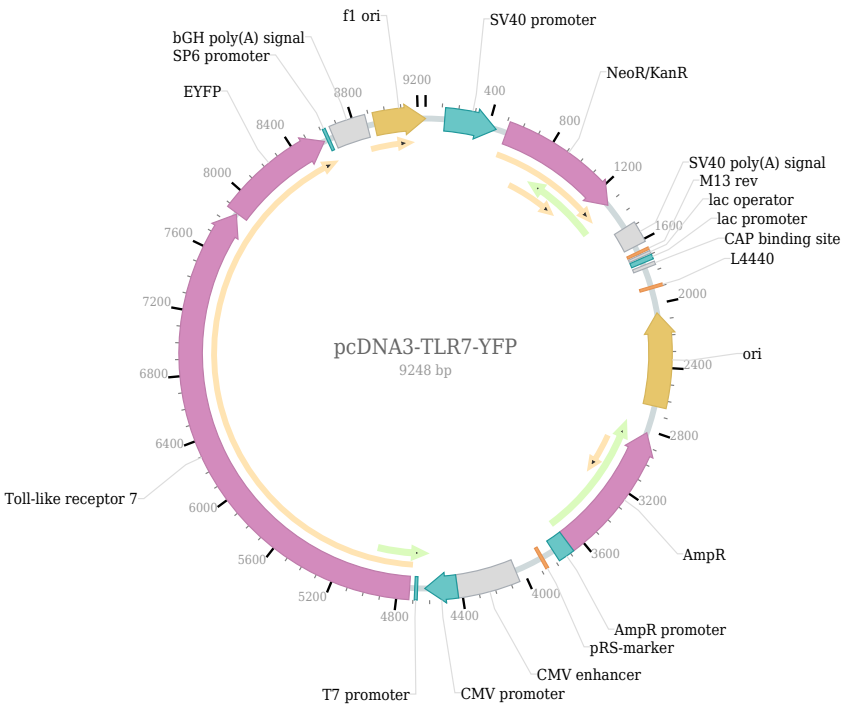
pcDNA3-TLR7-YFP

载体编号 Vector ID	V012106
抗性 Antibiotic Resistance	Ampicillin
长度 Length	9248 bp
载体类型 Vector Type	Mammalian Expression

产品信息

复制子 Replication Origin	ori
筛选标记 Selection Marker	Neomycin (select with G418)
拷贝数 Copy Number	High Copy
克隆方法 Cloning Method	Restriction Enzyme
5' 引物 5' Primer	T7
3' 引物 3' Primer	GTCTTGTAGTTGCCGTCGTC
培养菌株 Growth Strain(s)	DH10B
备注 Comment	It is designed for constitutive expression of the human Toll-like receptor 7 (TLR7) fused with YFP, driven by a strong CMV enhancer/promoter. The vector facilitates stable cell line generation using the NeoR/KanR gene. It also includes a T7 promoter for in vitro transcription and an AmpR gene for plasmid propagation in bacteria.

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 ℃.