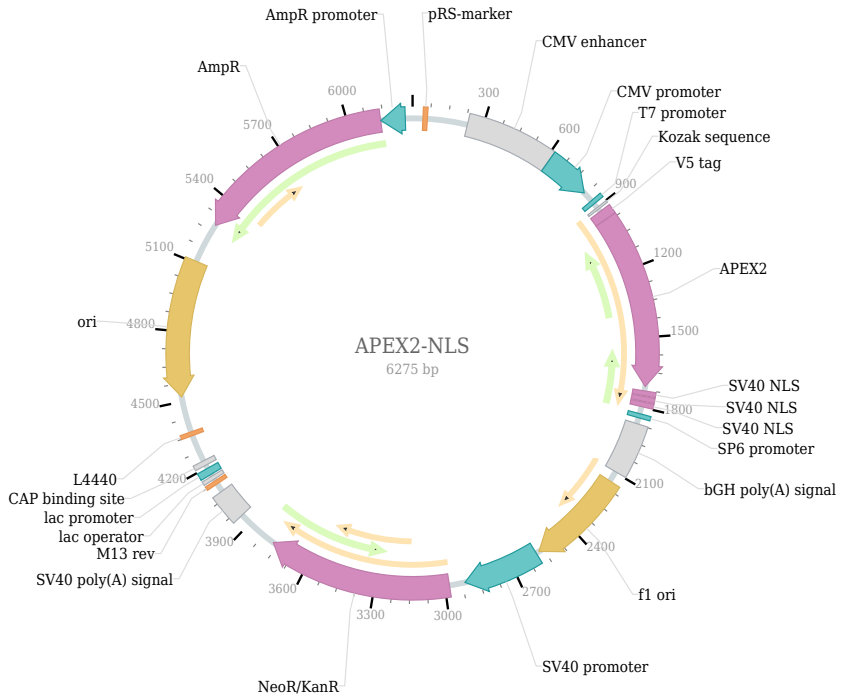
APEX2-NLS

载体编号 Vector ID	V001296
抗性 Antibiotic Resistance	Ampicillin
长度 Length	6275 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	V5
启动子 Promoter	CMV
克隆方法 Cloning Method	Gibson Cloning
5' 引物 5' Primer	CMV
3' 引物 3' Primer	SP6
培养菌株 Growth Strain(s)	DH10B
培养温度 Growth Temperature	37℃
备注 Comment	APEX2 is an engineered monomeric ascorbate peroxidase optimized for proximity biotinylation (Lam et al., 2015). Upon stimulation with 1 mM hydrogen peroxide (H2O2) and 500 µM biotin-phenol (BP) in live cells, APEX2 generates short-lived biotin-phenoxyl radicals (half-life

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 ℃.