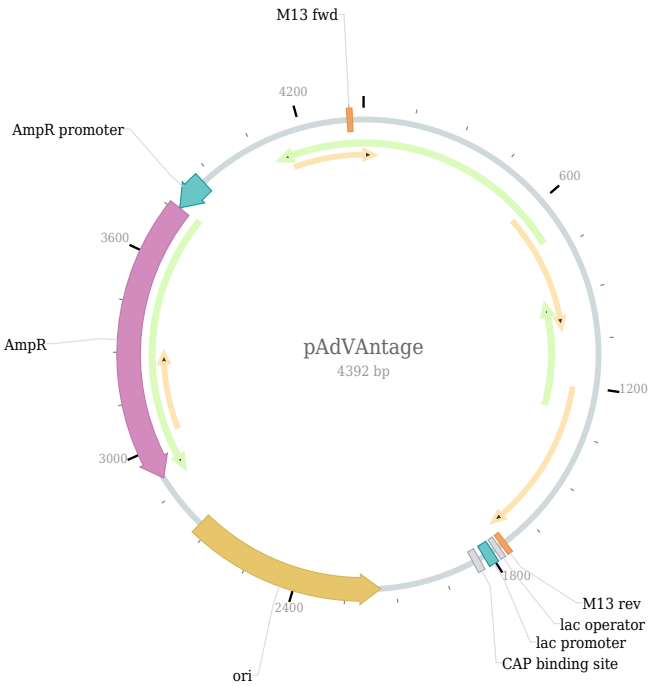
pAdVAntage

载体编号 Vector ID	V000805
抗性 Antibiotic Resistance	Ampicillin
长度 Length	4392 bp
载体类型 Vector Type	Mammalian Expression Assist Vectors

产品信息

复制子 Replication Origin	ori
培养菌株 Growth Strain(s)	DH10B
备注 Comment	pAdVAntage is a vector carrying the adenovirus type 2 VAI and VAII RNA genes, transcribed by RNA polymerase III. Co-transfection enhances transient protein expression by up to tenfold in mammalian cells: VAI RNA binds the double-stranded RNA-activated inhibitor (PKR/DAI), preventing eIF-2α phosphorylation and restoring translation blocked by transfection-induced dsRNA.

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 ℃.