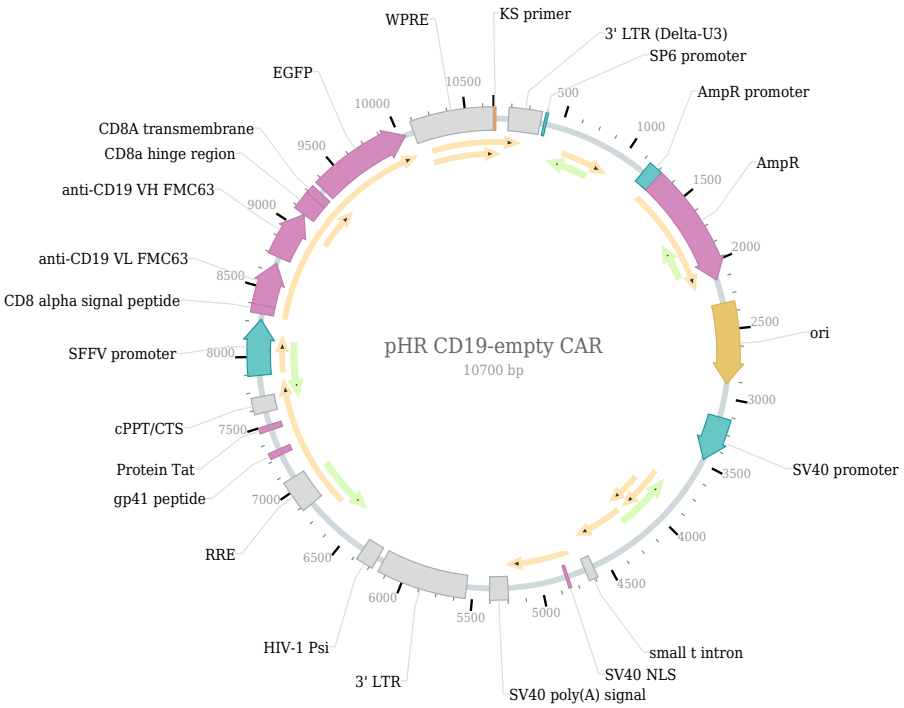
pHR CD19-empty CAR

Vector ID	V016729
Antibiotic Resistance	Ampicillin
Length	10700 bp
Vector Type	Protein expression, Antibody expression
Host	Mammalian cells, Lentivirus

Product Information

Replication Origin	ori
Promoter	SFFV
Growth Strain(s)	Stbl3
Growth Temperature	37℃
Comment	pHR CD19-empty CAR (Vale lab, Morrissey et al., eLife 2018) is a pHR'-based lentiviral vector expressing an anti-CD19 scFv and transmembrane domain fused to intracellular GFP as the only cytoplasmic component, lacking all signaling domains. SFFV promoter; AmpR; serves as a negative control for CAR-P macrophage and T-cell studies.

Vector Map



Plasmid Resuspension Protocol

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 ℃.