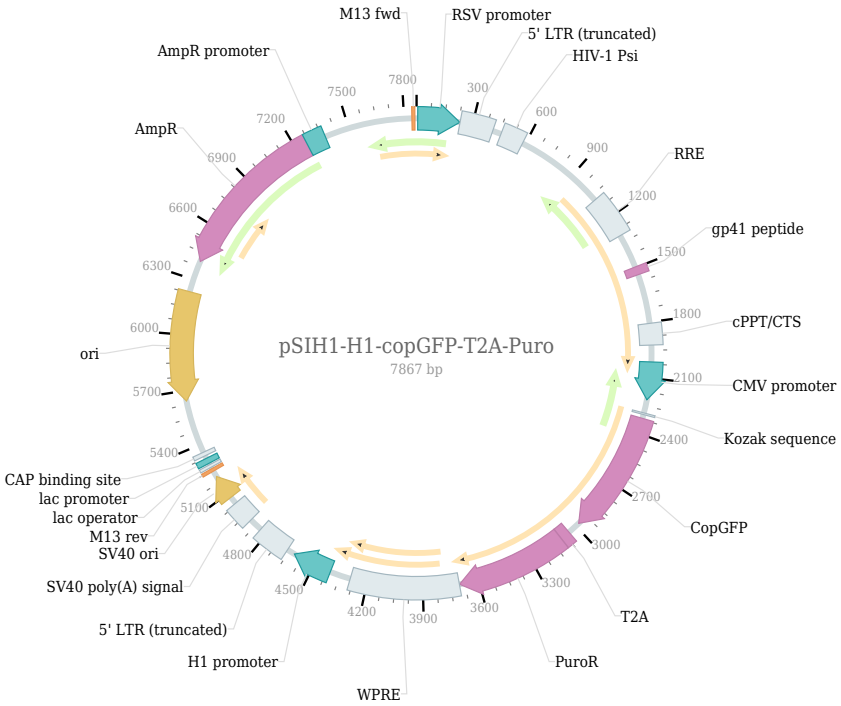
pSIH1-H1-copGFP-T2A-Puro

Vector ID	V012129
Antibiotic Resistance	Ampicillin
Length	7867 bp
Vector Type	Lentiviral Expression Vectors,RNAi Vectors

Product Information

Replication Origin	ori
Selection Marker	CopGFP
Promoter	H1
Growth Strain(s)	Stbl3
Comment	pSIH1-H1-copGFP-T2A-Puro is a third-generation self-inactivating lentiviral shRNA vector: the H1 Pol III promoter transcribes shRNAs for Dicer-mediated silencing, while copGFP joined by a T2A peptide to puromycin resistance reports and selects transduced cells. Enables stable gene knockdown with fluorescent monitoring.

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 ℃.