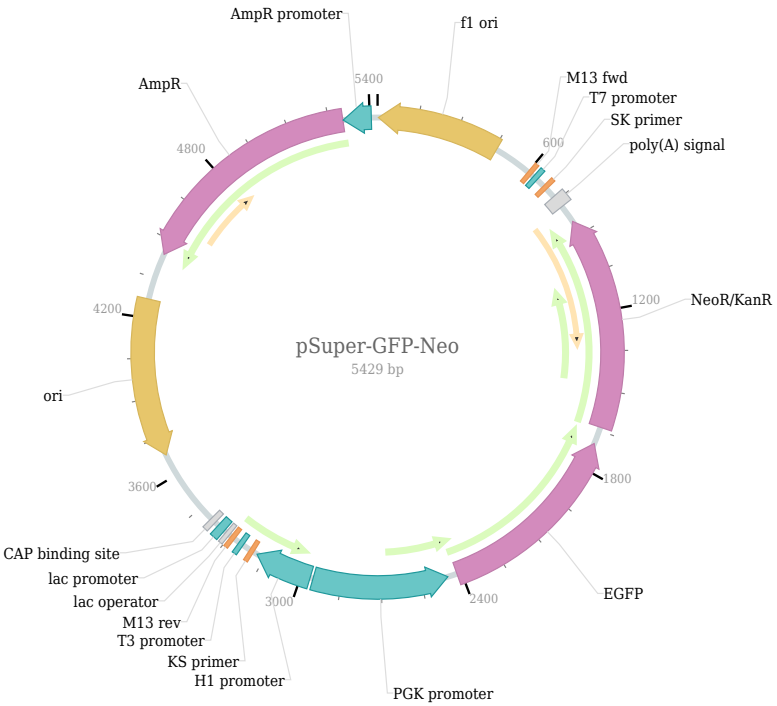
pSuper-GFP-Neo

Vector ID	V014315
Antibiotic Resistance	Ampicillin
Length	5429 bp
Vector Type	RNA interference
Host	Mammalian cells

Product Information

Replication Origin	ori
Selection Marker	Neo/G418
Promoter	mPGK
Growth Strain(s)	DH5a
Growth Temperature	37℃
Comment	pSuper-GFP-Neo is a mammalian shRNA (RNAi) vector in which the human H1 Pol III promoter drives cloned hairpin oligos for gene knockdown, while a PGK promoter expresses a GFP–NeoR marker for fluorescence tracking and G418 selection of stable lines. pUC origin; ampicillin selection in E. coli.

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 ℃.