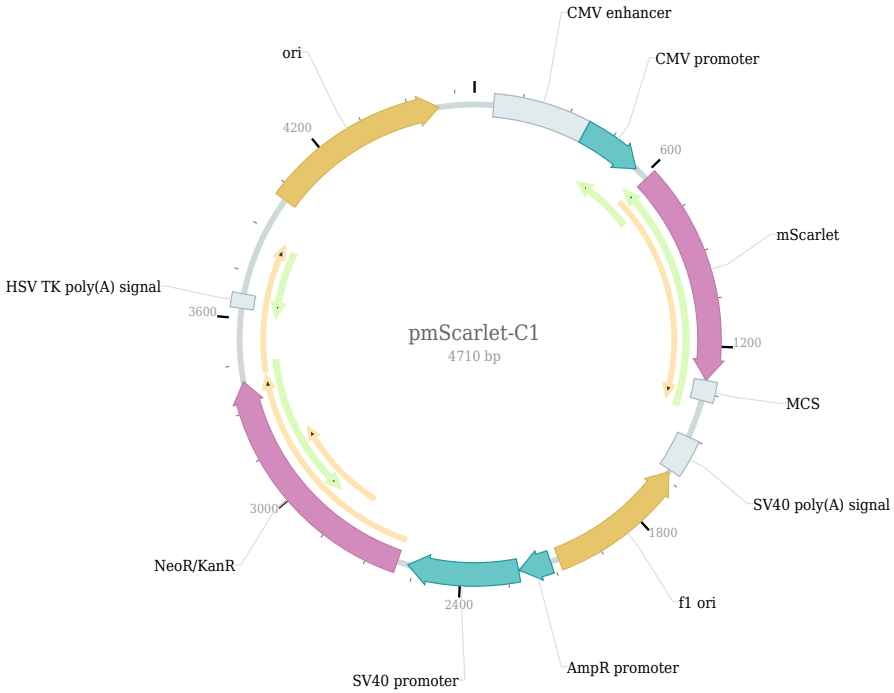
pmScarlet-C1

Vector ID	V013032
Antibiotic Resistance	Kanamycin
Length	4710 bp
Vector Type	Protein expression
Host	Mammalian cells

Product Information

Replication Origin	ori
Selection Marker	Neo/G418
Promoter	CMV
Growth Strain(s)	DH10B
Growth Temperature	37℃
Comment	pmScarlet-C1 is a high-copy mammalian expression plasmid carrying the mScarlet red fluorescent protein gene. It is widely applied in protein subcellular localization, colocalization experiments and live-cell imaging due to mScarlet's high brightness and good photostability.

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 ℃.