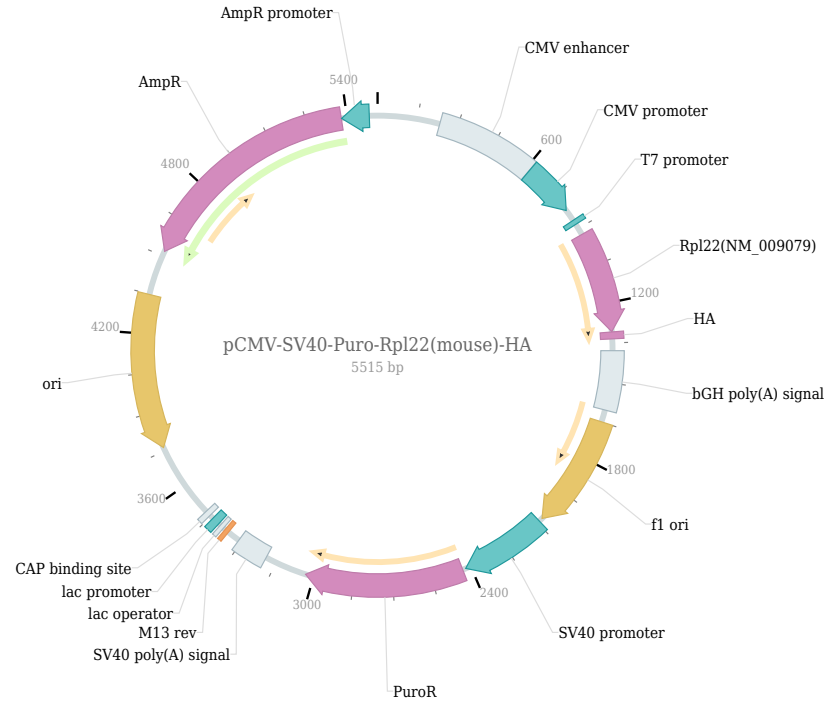
pCMV-SV40-Puro-Rpl22(mouse)-HA

Vector ID	V044523
Accession ID	NM_009079.4
Antibiotic Resistance	Ampicillin
Length	5515 bp
Vector Type	Protein expression
Host	Mammalian cells

Product Information

Replication Origin	ori
Selection Marker	Puro
Copy Number	High
Promoter	CMV
5' Primer	CMV-F
Fusion Tag	HA
Growth Strain(s)	DH10B
Growth Temperature	37℃
Expression Method	Transient
Comment	It is designed for constitutive expression of the mouse Rpl22 gene with an HA tag, driven by the CMV promoter. The vector contains a bGH poly(A) signal and utilizes an SV40 promoter to drive the PuroR selection marker. It also features an f1 ori, ori, and AmpR for bacterial replication and selection.

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 ℃.