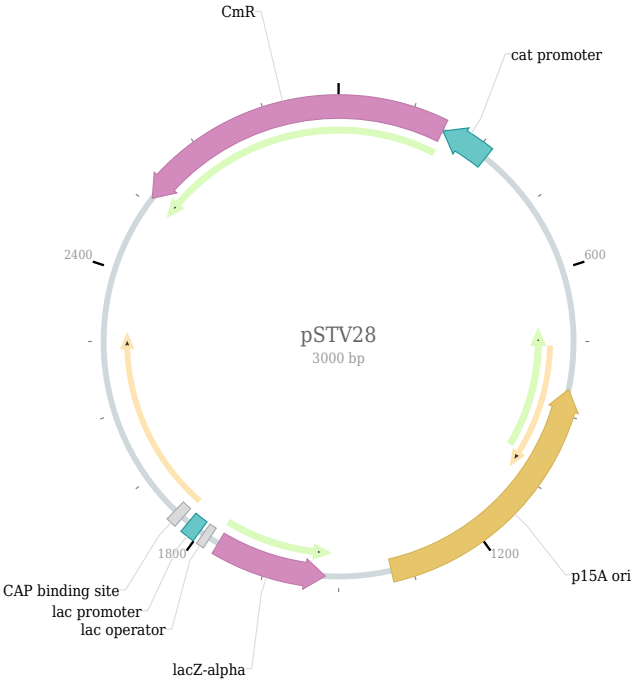
pSTV28

Vector ID	V012388
Antibiotic Resistance	Chloramphenicol
Length	3000 bp
Vector Type	Cloning Vectors

Product Information

Replication Origin	p15A ori
Source/Author	TaKaRa
Copy Number	Medium copy number
5' Primer	M13 fwd
3' Primer	M13 rev
Growth Strain(s)	Top10
Comment	pSTV28 is a low-copy E. coli cloning vector derived from pACYC184 with the p15A origin (~15-20 copies/cell), chloramphenicol resistance, and lacZalpha/MCS. Compatible with ColE1-origin plasmids such as pUC and pET, making it a standard second vector for co-expression systems.

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 ℃.