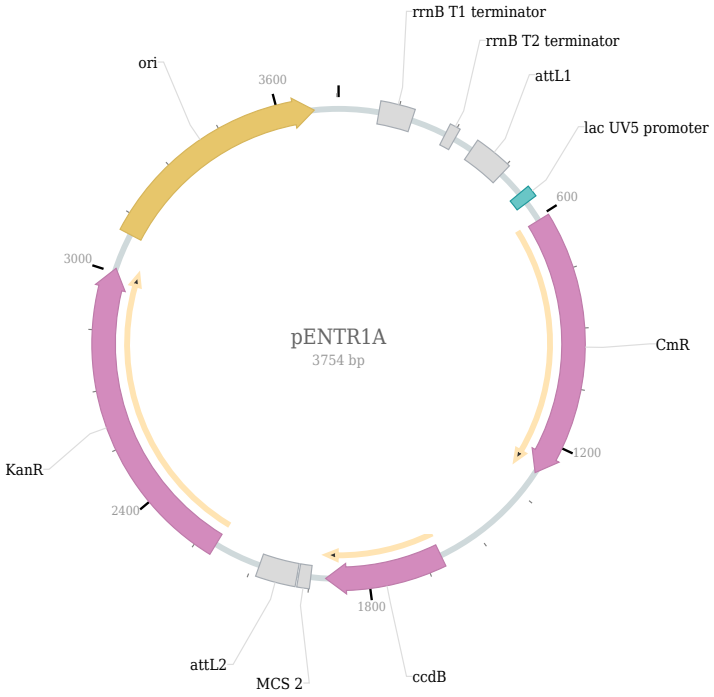
pENTR1A

Vector ID	V011812
Antibiotic Resistance	Chloramphenicol
Length	3754 bp
Vector Type	Gateway Cloning Vectors

Product Information

Replication Origin	ori
Source/Author	Invitrogen (Life Technologies)
Copy Number	High copy number
Comment	pENTR1A is a Gateway entry vector with attL1/attL2 sites and kanamycin resistance; inserts are cloned into its MCS, and the resulting entry clone is used in LR clonase reactions for transfer into destination vectors.

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 ℃.