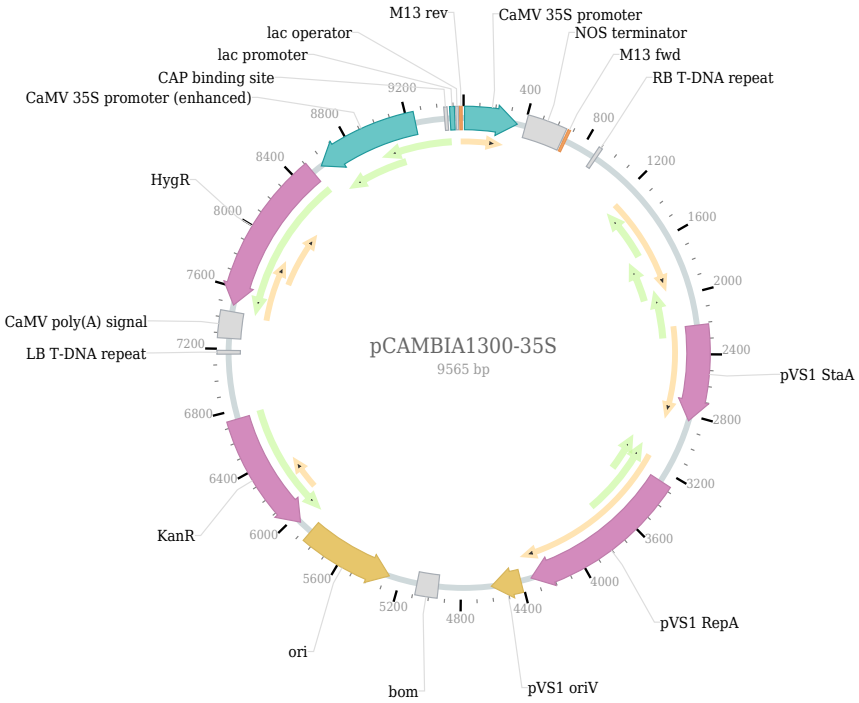
pCAMBIA1300-35S

Vector ID	V013406
Antibiotic Resistance	Kanamycin
Length	9565 bp
Vector Type	Protein expression
Host	Plants

Product Information

Replication Origin	ori
Selection Marker	Hyg
Copy Number	High copy number
Promoter	CaMV 35S (enhanced)
Growth Strain(s)	DH10B
Growth Temperature	37℃
Comment	pCAMBIA1300-35S is a commercial Agrobacterium binary overexpression vector derived from CAMBIA's pCAMBIA1300. Its T-DNA carries a CaMV 35S promoter–MCS–NOS terminator cassette and an hptII cassette conferring hygromycin resistance; the pVS1 replicon ensures stability in Agrobacterium, while KanR selects 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 ℃.