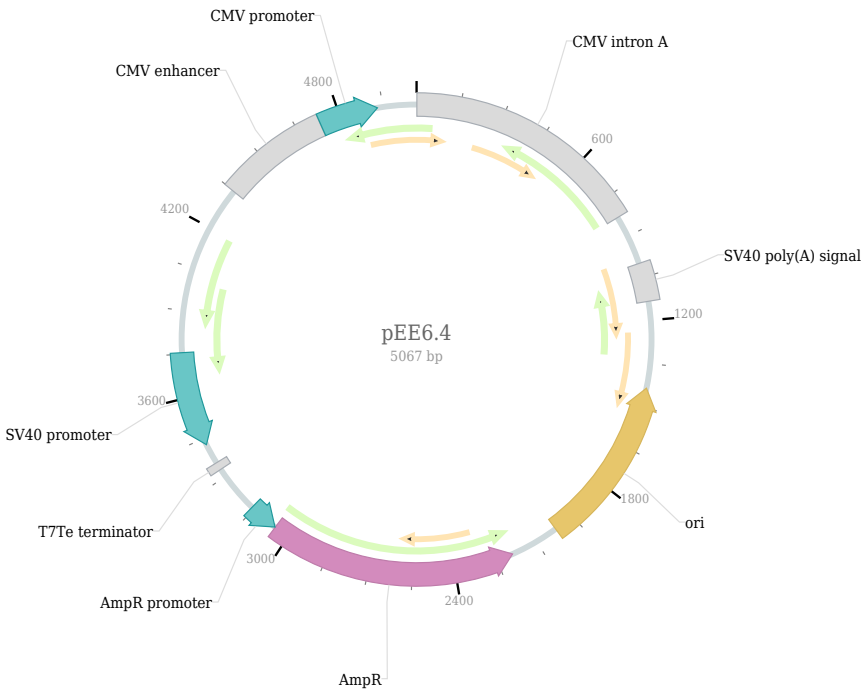
pEE6.4

Vector ID	V012907
Antibiotic Resistance	Ampicillin
Length	5067 bp
Vector Type	Protein expression, Antibody expression
Host	Mammalian cells

Product Information

Replication Origin	ori
Copy Number	High copy number
Promoter	hCMV-MIE promoter
Growth Strain(s)	DH10B
Growth Temperature	37℃
Comment	pEE6.4 is a mammalian expression vector of the Lonza glutamine synthetase (GS) system. The hCMV-MIE promoter/enhancer drives the cloned gene through an SV40 polyadenylation signal, with pMB1 ori and AmpR for E. coli. Unlike its partner pEE14.4, pEE6.4 itself carries no GS selection gene.

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 ℃.