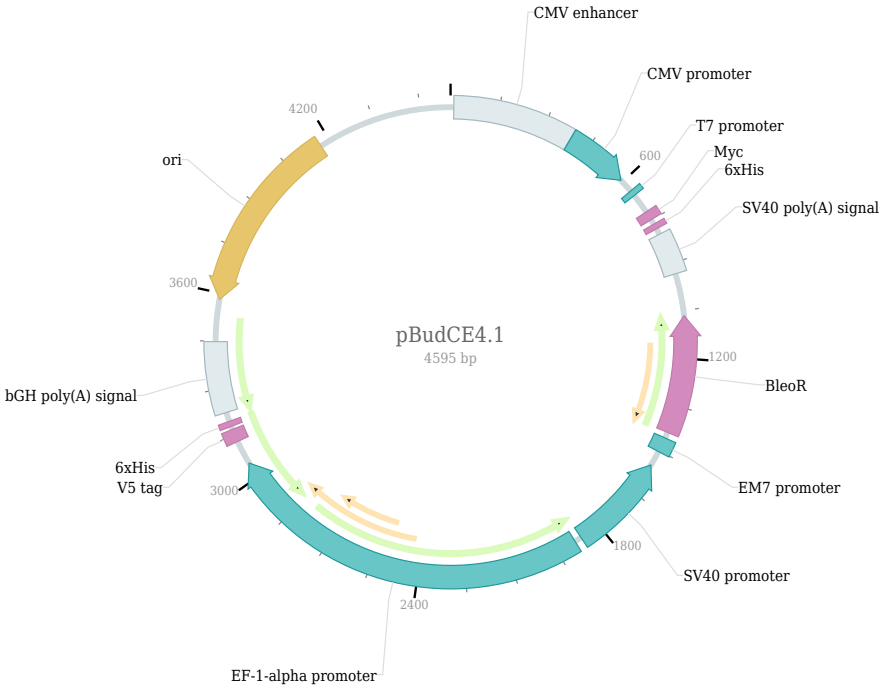
pBudCE4.1

Vector ID	V001615
Antibiotic Resistance	Zeocin
Length	4595 bp
Vector Type	Mammalian Expression Vectors (Dual Promoter)

Product Information

Replication Origin	ori
Selection Marker	Zeocin
Promoter	EF-1α
Cloning Method	Enzyme digestion and ligation
5' Primer	CMVPro-F: 5'd[TAATACGACTCACTATAGGG]3' EF1aPro-F:5'd[TCAAGCCTCAGACAGTGGTTC]3'
Fusion Tag	6xHis, c-Myc, V5
Growth Strain(s)	stbl3
Growth Temperature	37℃
Comment	The pBudCE4.1 vector is designed for the independent expression of two genes from a single plasmid in mammalian cells. Using pBudCE4.1 to generate stable mammalian expression cell lines ensures that there is an equivalent copy number of each gene in the cell. This can eliminate variable expression due to differences in gene copy number. pBudCE4.1 provides expression cassettes withthe following features:

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 ℃.