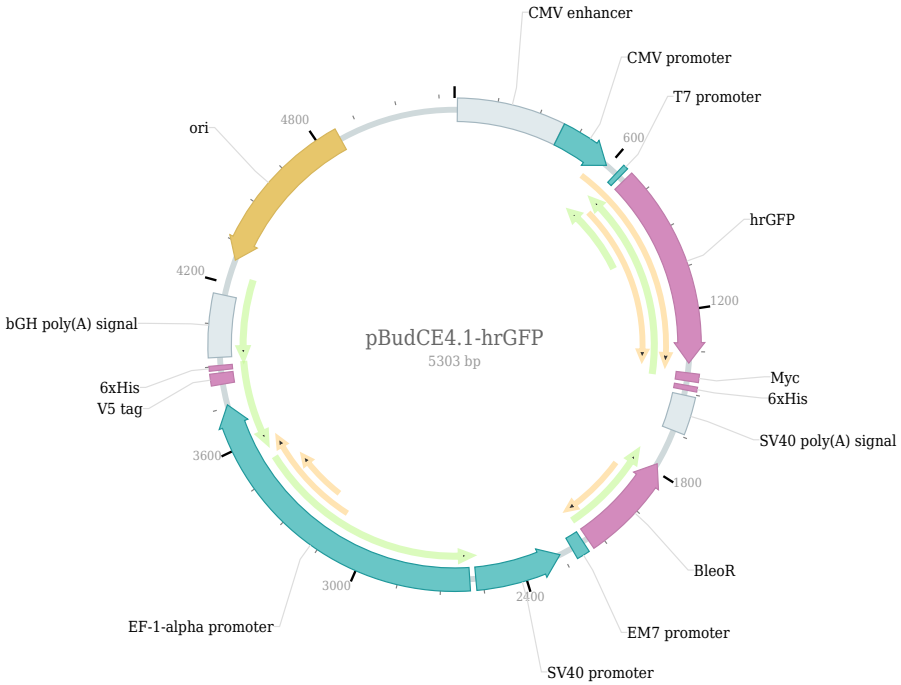
pBudCE4.1-hrGFP

Vector ID	V012865
Antibiotic Resistance	Bleomycin
Length	5303 bp
Vector Type	Protein expression
Host	Mammalian cells

Product Information

Replication Origin	ori
Selection Marker	Zeocin
Promoter	EF-1α
Growth Strain(s)	DH5a
Growth Temperature	37℃
Comment	This is a 5303 bp dual-expression vector, pBudCE4.1-hrGFP. It is designed to express two genes simultaneously: hrGFP (with Myc, 6xHis tags) is driven by a strong CMV promoter, while a second gene can be cloned under the EF-1-alpha promoter. For antibiotic selection, it utilizes the BleoR gene under an EM7 promoter.

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 ℃.