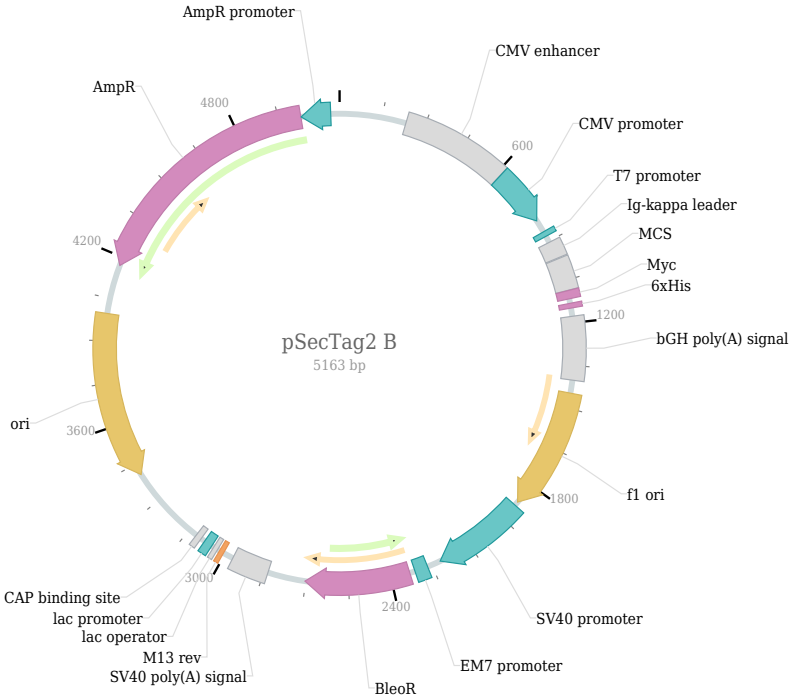
pSecTag2 B

Vector ID	V011083
Antibiotic Resistance	Ampicillin
Length	5163 bp
Vector Type	Mammalian Expression Vectors

Product Information

Replication Origin	ori
Source/Author	Invitrogen (Life Technologies)
Copy Number	High copy number
Promoter	EM7
Growth Strain(s)	DH10B
Growth Temperature	37℃
Comment	pSecTag2 B is a mammalian expression vector designed for the secretion, purification, and detection of recombinant fusion proteins. Its key features include a CMV promoter for high-level expression, an Ig kappa-chain secretion signal, and C-terminal tags (6xHis and c-myc) for purification and detection. The vector uses Zeocin for selection in both mammalian cells and E. coli and has a size of 5170 bp.

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 ℃.