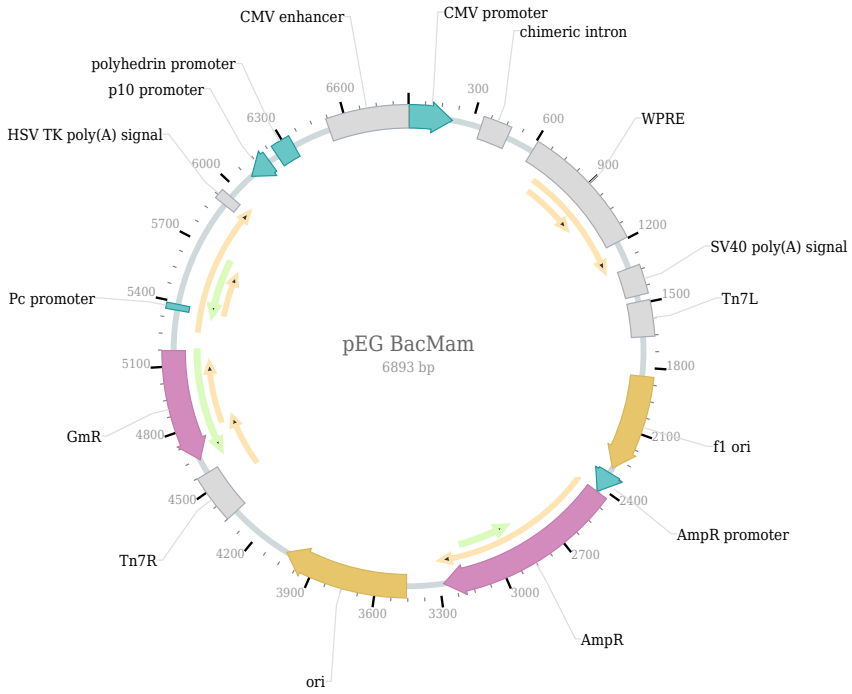
pEG BacMam

Vector ID	V017374
Antibiotic Resistance	Gentamicin
Length	6893 bp

Product Information

Replication Origin	ori
Promoter	CMV
Growth Strain(s)	DH10B
Growth Temperature	37℃
Comment	The pEG BacMam plasmid is a mammalian expression vector optimized for structural biology studies of membrane proteins. Key features include: BacMam system: Enables high-yield protein production in mammalian cells via baculovirus transduction; EGFP fusion: C-terminal EGFP tag facilitates expression monitoring and purification; Mammalian promoters: CMV/T7 promoters drive robust expression in HEK293 or insect cells; Affinity tags: Optional His-tag or Strep-tag II for protein purification.

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 ℃.