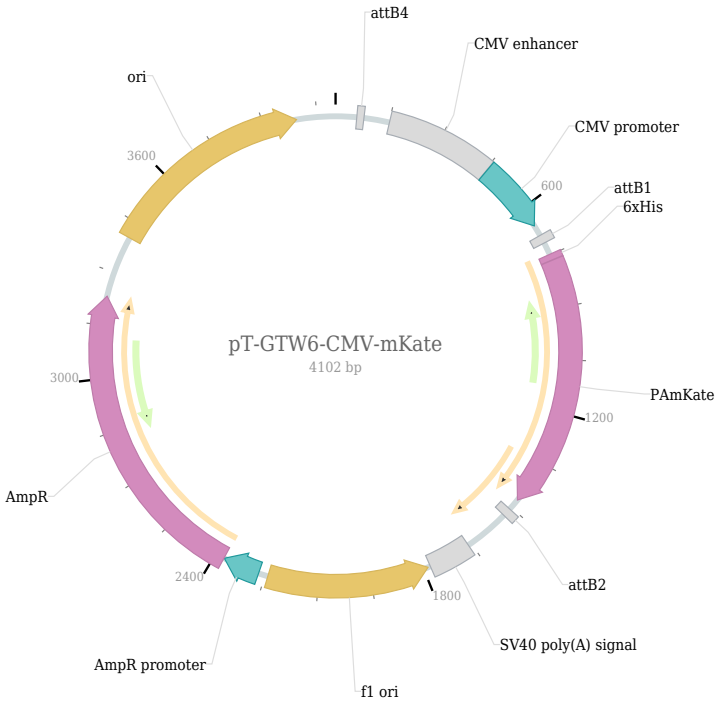
pT-GTW6-CMV-mKate

Vector ID	V016432
Antibiotic Resistance	Ampicillin
Length	4102 bp
Vector Type	Cloning vector

Product Information

Replication Origin	ori
Source/Author	Frei T, Cella F, Tedeschi F, Gutierrez J
Promoter	CMV
Growth Strain(s)	Top10
Comment	pT-GTW6-CMV-mKate is a Gateway-compatible destination vector (pT-GTW6 backbone) expressing the mKate far-red fluorescent protein from a CMV promoter. Supports LR recombination cloning of sequences of interest and provides bright far-red fluorescence (ex/em 588/635 nm) for localization and co-expression studies.

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 ℃.