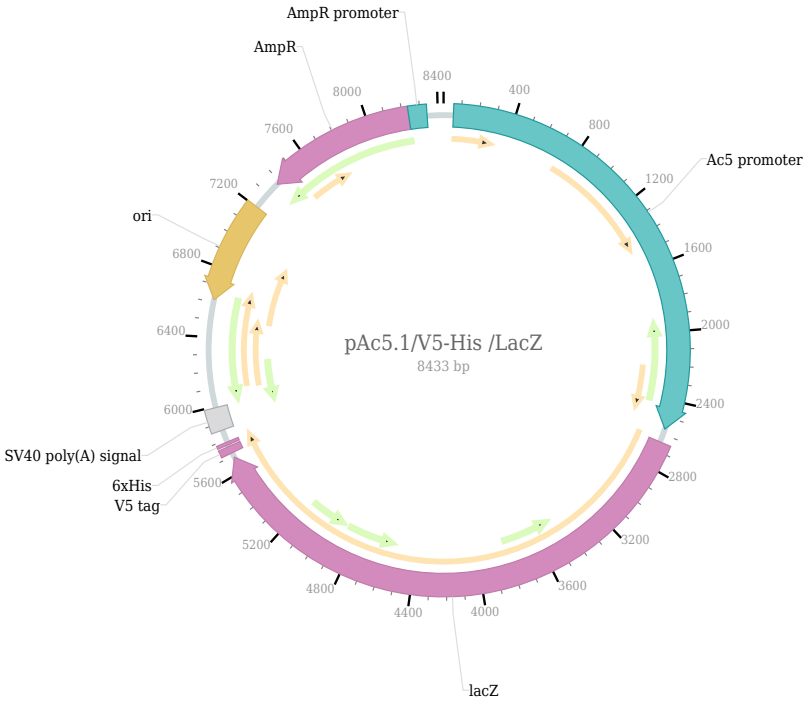
pAc5.1/V5-His /LacZ

Vector ID	V012354
Antibiotic Resistance	Ampicillin
Length	8433 bp
Vector Type	Drosophila Cell Expression Vectors

Product Information

Replication Origin	ori
Promoter	Ac5
Cloning Method	Enzyme digestion and ligation
5' Primer	AC5:5'd[ACACAAAGCCGCTCCATCAG]3'
Fusion Tag	V5 Epitope Tag, His Tag (6x)
Growth Strain(s)	Top10
Comment	The DES-Constitutive Kit provides the vector pAc5.1/V5-His for high-level constitutive expression of recombinant proteins and a choice of Blasticidin (pCoBlast) or hygromycin (pCoHygro) selection. The vector offers the strong, constitutive promoter from the Drosophila actin 5C gene. The pAc5.1/V5-His vector also offers the following features:To facilitate cloning, a set of three vectors-A, B, and C-is provided. Each vector has the multiple cloning site in a different reading frame relative to the coding sequence of the C-terminal tag.

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 ℃.