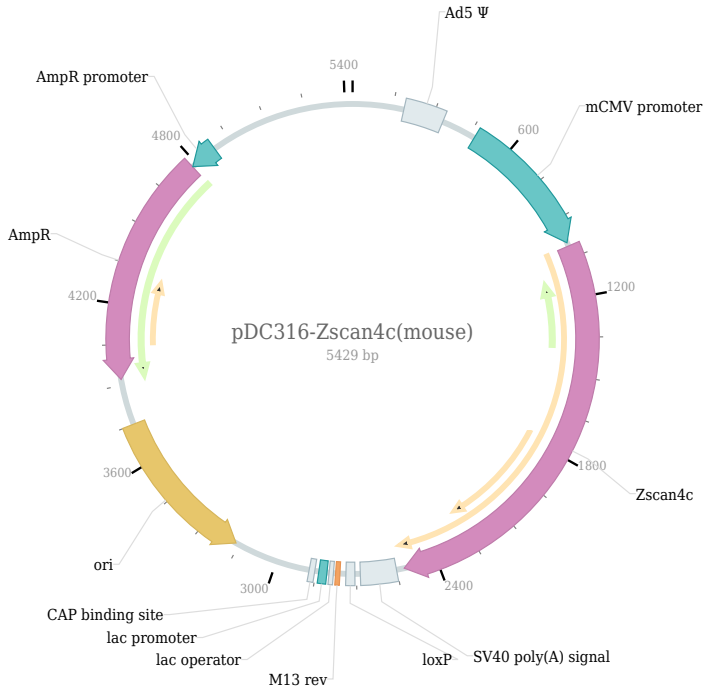
pDC316-Zscan4c(mouse)

Vector ID	V031946
Accession ID	NM_001013765.2
Antibiotic Resistance	Ampicillin
Length	5429 bp
Vector Type	Protein expression
Host	Mammalian cells, Adenovirus

Product Information

Replication Origin	ori
Promoter	mCMV
5' Primer	MCMV-F1：ttctattggctgagctgcgt
Growth Strain(s)	DH10B
Growth Temperature	37℃
Expression Method	Transient
Comment	It is designed for constitutive expression of the mouse Zscan4c gene driven by the mCMV promoter. The vector contains an SV40 poly(A) signal and features Ad5 Ψ and loxP sites. It also includes AmpR, ori, and lac operator elements for bacterial propagation and selection.

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 ℃.