pDC316-TSPAN4(human)-mCherry-FLAG

Vector ID	V039551
Accession ID	NM_001025237.2
Antibiotic Resistance	Ampicillin
Length	5380 bp
Vector Type	Protein expression
Host	Mammalian cells, Adenovirus

Product Information

Replication Origin	ori
Selection Marker	mCherry
Copy Number	High
Promoter	mCMV
3' Primer	Sv40-polyA-R
Fusion Tag	mCherry-FLAG
Growth Strain(s)	DH10B
Growth Temperature	37℃
Expression Method	Transient
Comment	It is designed for expression of the human TSPAN4 gene with an mCherry reporter and FLAG tag, driven by the mCMV promoter. The vector contains an SV40 poly(A) signal and a loxP site. It also features Ad5 Ψ, ori, and AmpR for replication 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 ℃.