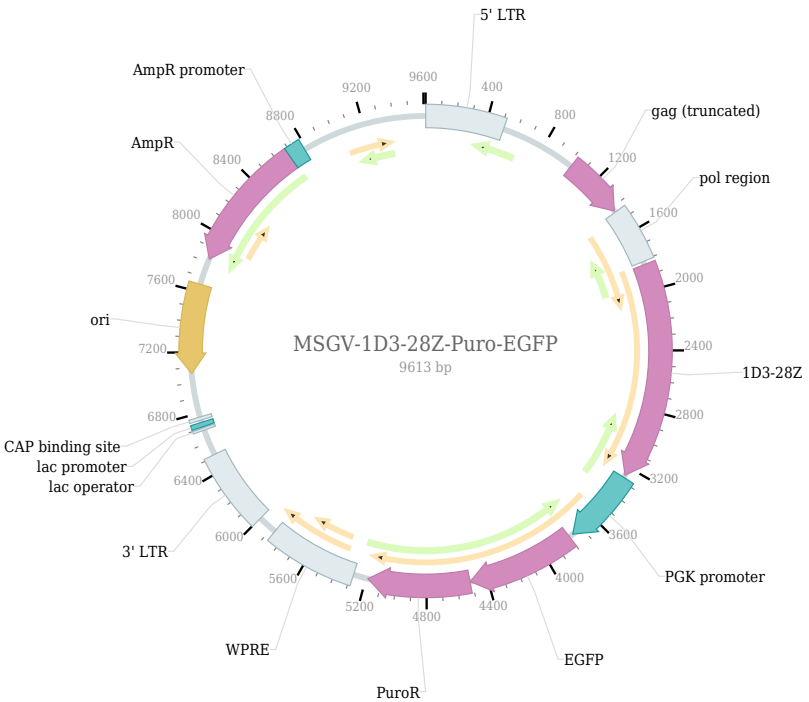
MSGV-1D3-28Z-Puro-EGFP

Vector ID	V015132
Antibiotic Resistance	Ampicillin
Length	9613 bp
Vector Type	Protein expression, Antibody expression
Host	Mammalian cells, Retrovirus

Product Information

Replication Origin	ori
Selection Marker	Puro
Promoter	MSCV
5' Primer	MSGV-1D3-28Z All ITAMs intact
3' Primer	pEGFP-C-5'
Growth Strain(s)	Stbl3
Growth Temperature	37℃
Comment	MSGV-1D3-28Z-Puro-EGFP is a gamma-retroviral CAR-T vector based on MSGV backbone, driven by MSCV promoter, expressing anti-mouse CD19 CAR (1D3-28Z) with EGFP tracking and puromycin 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 ℃.