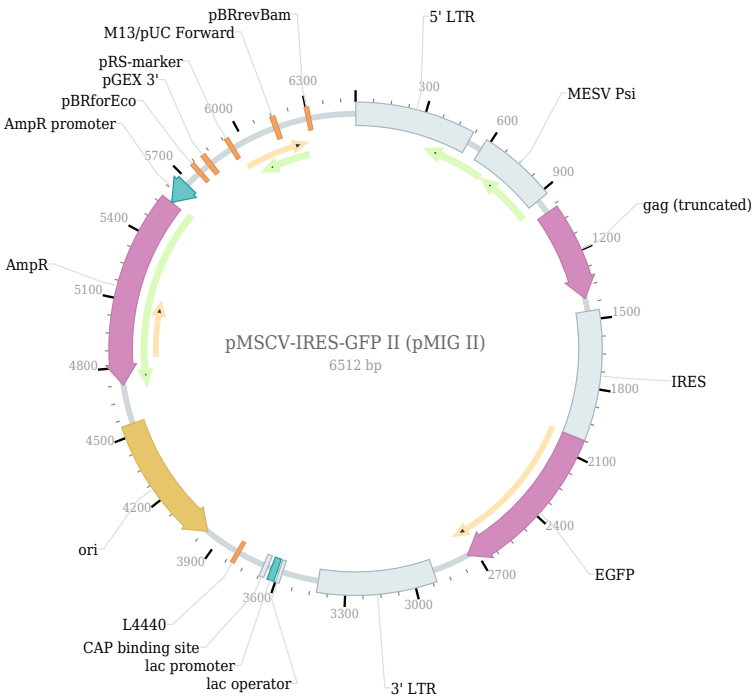
pMSCV-IRES-GFP II (pMIG II)

Vector ID	V000092
Antibiotic Resistance	Ampicillin
Length	6512 bp
Vector Type	Mammalian Expression, Retroviral

Product Information

Replication Origin	ori
Copy Number	High Copy
Promoter	MSCV
Cloning Method	Restriction Enzyme
5' Primer	pLXSN_5_primer
Growth Strain(s)	Stbl3
Growth Temperature	37℃
Comment	The pMSCV-IRES-GFP II is a bicistronic retroviral vector that includes an IRES-GFP element. It is an enhanced version of the original pMSCV-IRES-GFP vector, featuring an expanded multiple cloning site (MCS).

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 ℃.