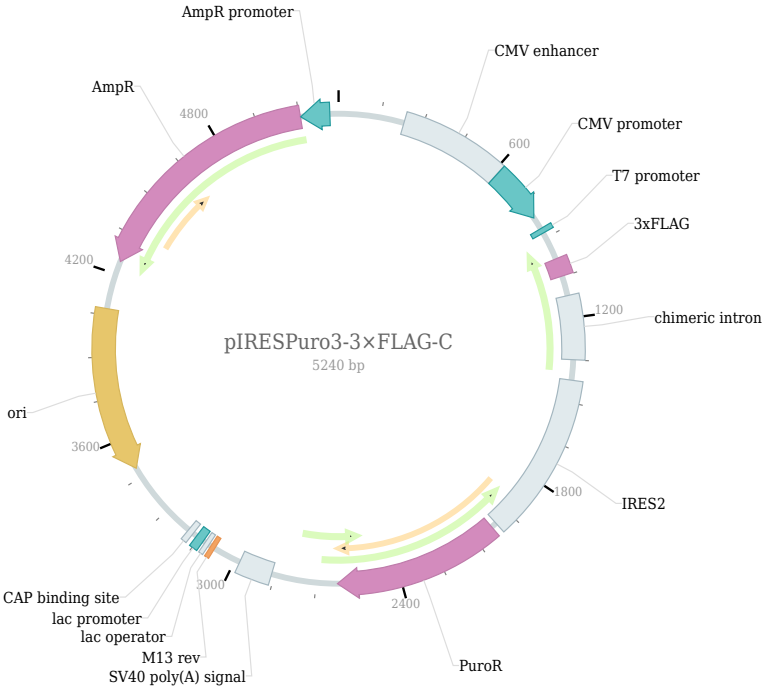
pIRESPuro3-3×FLAG-C

Vector ID	V013157
Antibiotic Resistance	Ampicillin
Length	5240 bp
Vector Type	Protein expression
Host	Mammalian cells

Product Information

Replication Origin	ori
Selection Marker	Puro
Promoter	CMV
Growth Strain(s)	DH10B
Growth Temperature	37℃
Comment	pIRESPuro3-3xFLAG-C is a pIRESPuro3 derivative for bicistronic mammalian expression: the CMV IE promoter drives the gene of interest cloned into the MCS with a C-terminal 3xFLAG epitope, followed by an EMCV IRES-linked puromycin resistance gene. This couples tagged protein expression with antibiotic selection for stable lines; AmpR for E. coli.

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 ℃.