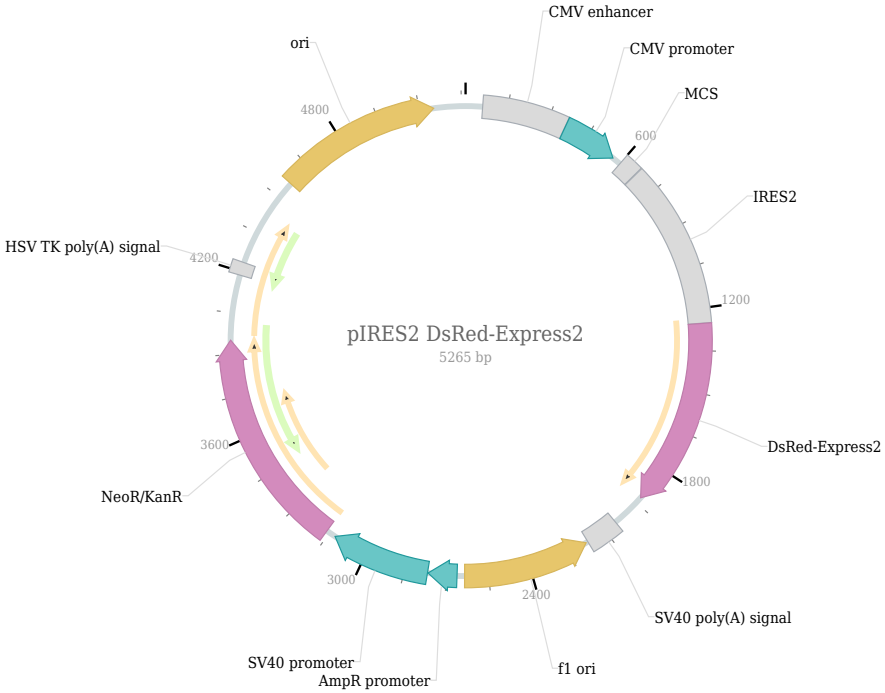
pIRES2 DsRed-Express2

Vector ID	V011108
Antibiotic Resistance	Kanamycin
Length	5265 bp
Vector Type	Mammalian Expression Vectors

Product Information

Replication Origin	ori
Source/Author	Clontech
Selection Marker	Neomycin/G418(Geneticin)
Copy Number	High copy number
Comment	pIRES2-DsRed-Express2 is a bicistronic mammalian expression vector. It uses a CMV promoter and an IRES element to enable simultaneous expression of a gene of interest and the DsRed-Express2 red fluorescent protein from a single mRNA, facilitating identification of transfected cells via fluorescence.

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 ℃.