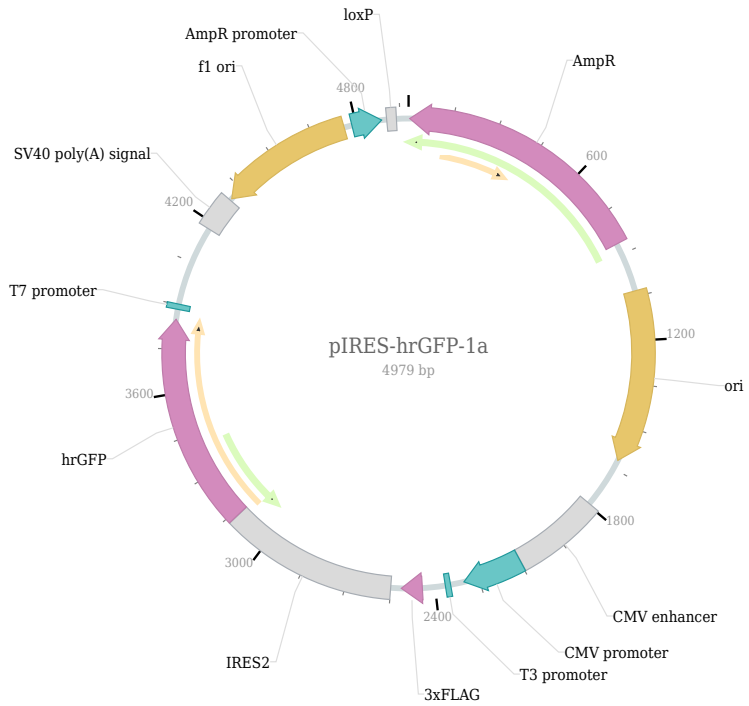
pIRES-hrGFP-1a

Vector ID	V013219
Antibiotic Resistance	Ampicillin
Length	4979 bp
Vector Type	Protein expression
Host	Mammalian cells

Product Information

Replication Origin	ori
Promoter	CMV
Growth Strain(s)	stbl3
Growth Temperature	37℃
Comment	The plasmid pIRES-hrGFP-1a contains a multiple cloning site (MCS), an internal ribosome entry site (IRES), and codes for green fluorescent protein (hrGFP). It enables the expression of two genes independently from the same transcript and allows monitoring gene expression at the cellular level via GFP.

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 ℃.