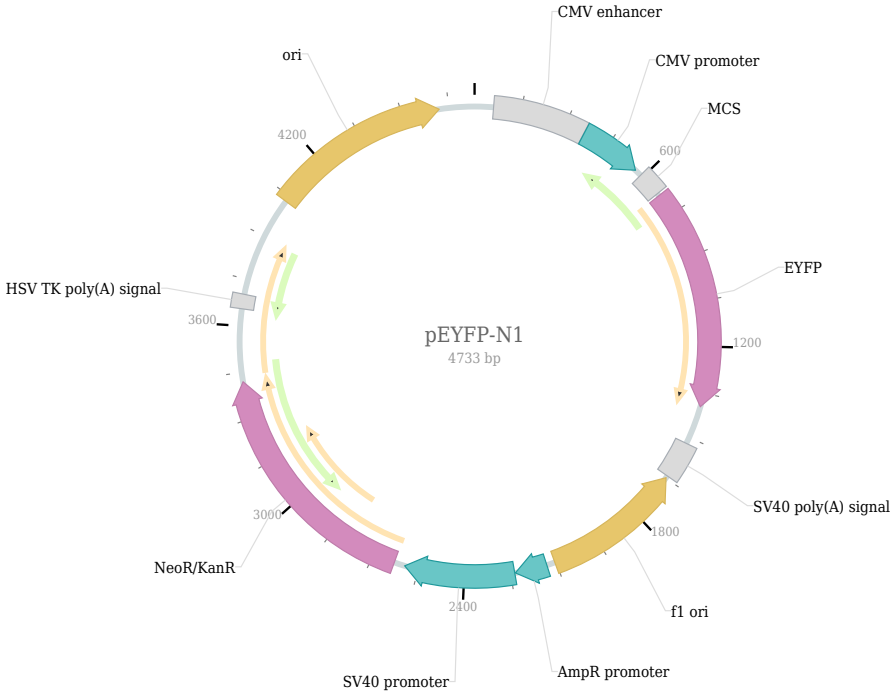
pEYFP-N1

Vector ID	V012015
Antibiotic Resistance	Kanamycin
Length	4733 bp
Vector Type	Fluorescent Protein Genes & Plasmids

Product Information

Replication Origin	ori
Source/Author	Clontech
Selection Marker	Neomycin/G418(Geneticin)
Copy Number	High copy number
Promoter	CMV
Growth Strain(s)	DH10B
Comment	pEYFP-N1 is a 4733 bp mammalian expression vector. Its CMV promoter drives expression of your gene as an N-terminal fusion with Enhanced Yellow Fluorescent Protein at the C terminus. Select mammalian cells with G418; amplify in E. coli via ampicillin resistance. Ideal for live-cell protein localization and FRET.

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 ℃.