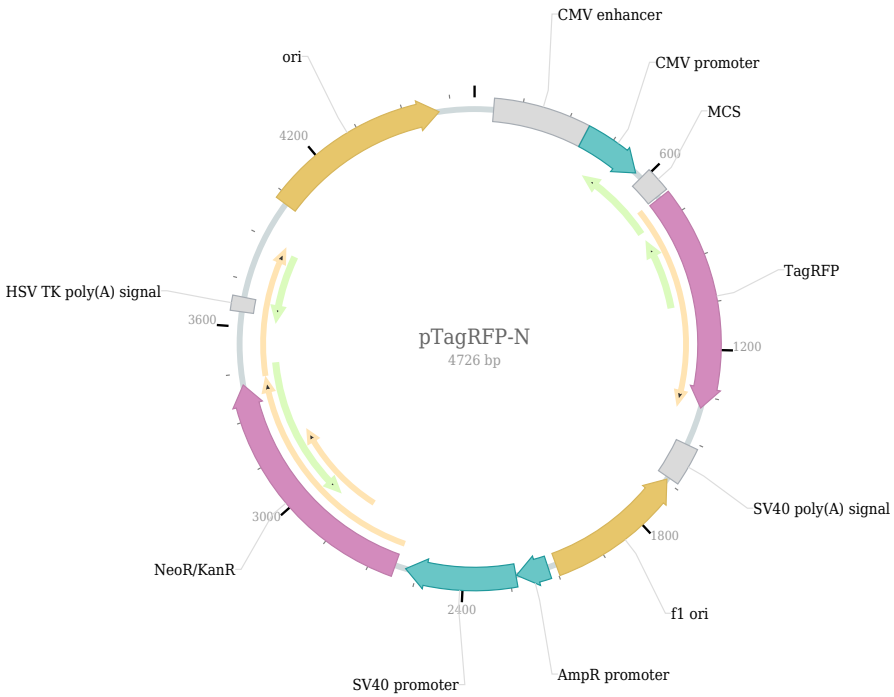
pTagRFP-N

Vector ID	V011928
Antibiotic Resistance	Kanamycin
Length	4726 bp
Vector Type	Fluorescent Protein Genes & Plasmids

Product Information

Replication Origin	ori
Source/Author	Evrogen
Selection Marker	Neomycin/G418(Geneticin)
Copy Number	High copy number
Comment	pTagRFP-N is a mammalian expression vector. It features a CMV promoter driving the TagRFP red fluorescent protein gene, serving as a versatile reporter tool for tracking gene expression and protein localization in living cells. The plasmid is approximately 4.7 kb in size.

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 ℃.