# pTagBFP-N

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| **Vector ID** | V011934 |
| **Antibiotic Resistance** | Kanamycin |
| **Length** | 4715 bp |
| **Vector Type** | Fluorescent Protein Genes & Plasmids |

## Product Information

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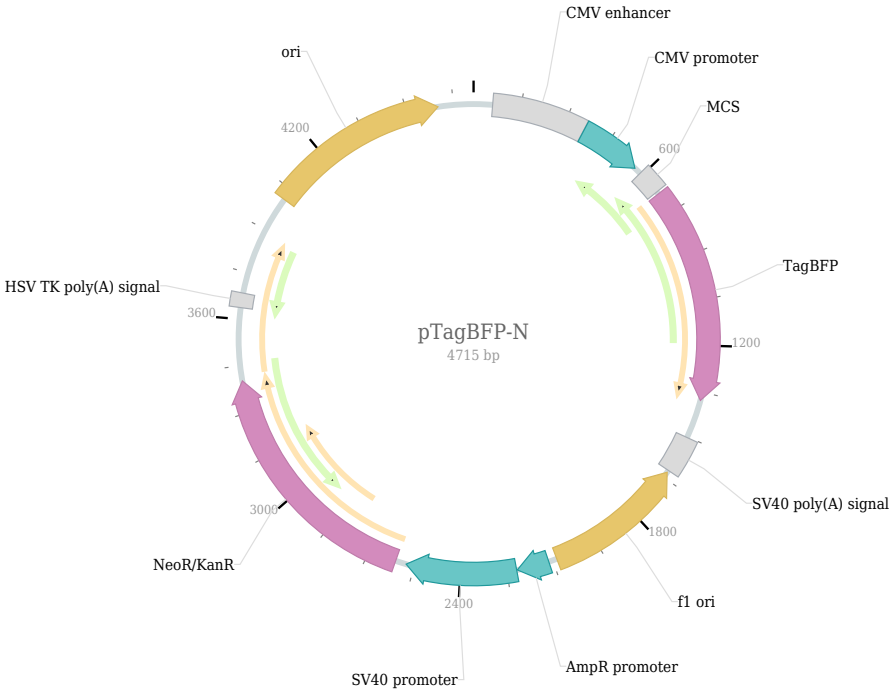
| **Replication Origin** | ori |
| **Source/Author** | Evrogen |
| **Selection Marker** | Neomycin/G418(Geneticin) |
| **Copy Number** | High copy number |
| **Comment** | pTagBFP-N is a mammalian vector expressing C-terminal fusions to TagBFP, a bright monomeric blue fluorescent protein evolved from TagRFP (ex/em 399/456 nm; Subach et al. 2008). CMV promoter-driven for live-cell multicolor imaging and FRET donor applications. |

## 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 ℃.