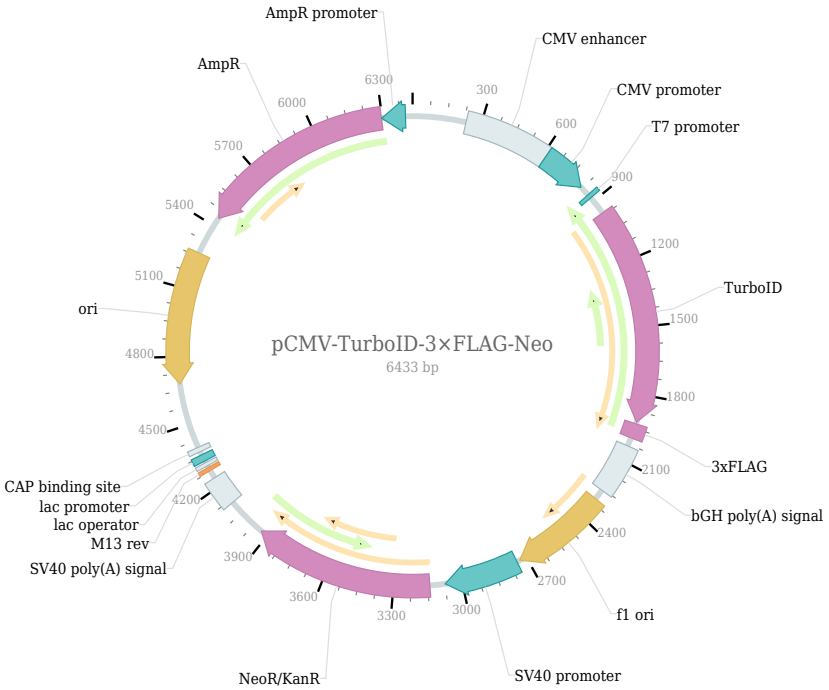
pCMV-TurboID-3×FLAG-Neo

Vector ID	V018054
Antibiotic Resistance	Ampicillin
Length	6433 bp
Vector Type	Protein expression
Host	Mammalian cells

Product Information

Replication Origin	ori
Selection Marker	Neo/G418
Promoter	CMV
5' Primer	CMV-F
Growth Strain(s)	DH10B
Growth Temperature	37℃
Comment	The pCMV - TurboID - 3×FLAG - Neo plasmid is for studying protein - protein interactions. It uses the pCMV promoter to express the TurboID - target protein fusion in mammalian cells. TurboID labels interacting proteins, the 3×FLAG tag aids fusion protein detection and purification, and the Neo gene screens stable transfected cell lines, offering a powerful tool for protein function and signaling pathway research.

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 ℃.