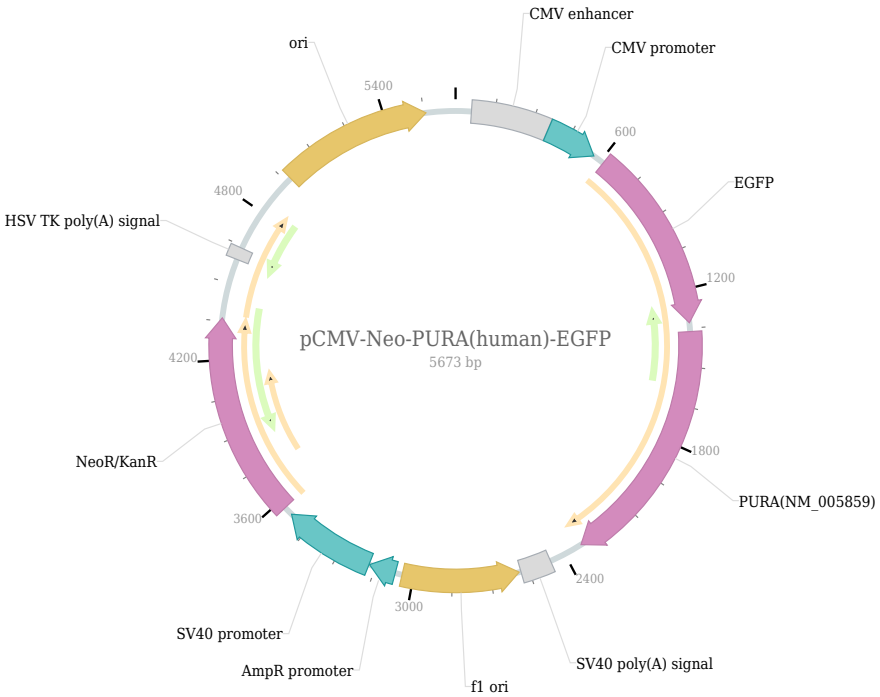
pCMV-Neo-PURA(human)-EGFP

Vector ID	V025716
Accession ID	NM_005859.5
Antibiotic Resistance	Kanamycin
Length	5673 bp
Vector Type	Protein expression
Host	Mammalian cells

Product Information

Replication Origin	ori
Selection Marker	Neo/G418;EGFP
Promoter	CMV
Fusion Tag	EGFP
Growth Strain(s)	DH10B
Expression Method	Transient
Comment	pCMV-Neo-PURA-EGFP (5.7 kb) expresses human PURA (Pur-alpha) fused with C-terminal EGFP under a CMV promoter. Includes NeoR/G418 for stable selection, AmpR for bacterial selection, and pUC ori. Ideal for visualizing PURA's nuclear localization and DNA-binding activity.

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 ℃.