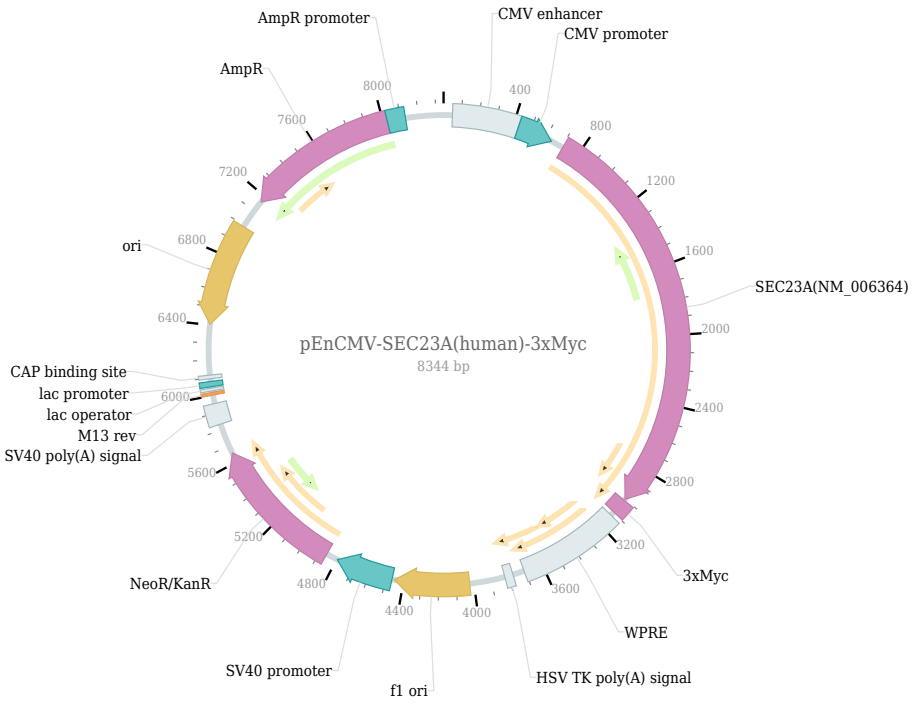
pEnCMV-SEC23A(human)-3xMyc

Vector ID	V041989
Accession ID	NM_006364.4
Antibiotic Resistance	Ampicillin
Length	8344 bp
Vector Type	Protein expression
Host	Mammalian cells

Product Information

Replication Origin	ori
Selection Marker	Neo/G418
Copy Number	High
Promoter	CMV
5' Primer	CMV-F
Fusion Tag	3xMyc
Growth Strain(s)	DH5a
Growth Temperature	37℃
Expression Method	Transient
Comment	pEnCMV-SEC23A(human)-3xMyc is a mammalian expression vector for human SEC23A (Sec23 homolog A, a key component of the COPII coat complex involved in ER-to-Golgi protein trafficking). A CMV promoter drives expression of the full-length SEC23A coding sequence (NM_006364) with a C-terminal 3xMyc tag for detection. The vector also includes NeoR/KanR (G418 resistance) for stable selection, AmpR for bacterial selection, pUC ori, f1 ori, SV40 promoter/poly(A), HSV TK poly(A) signal, WPRE for enhanced expression, and M13 priming sites

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 ℃.