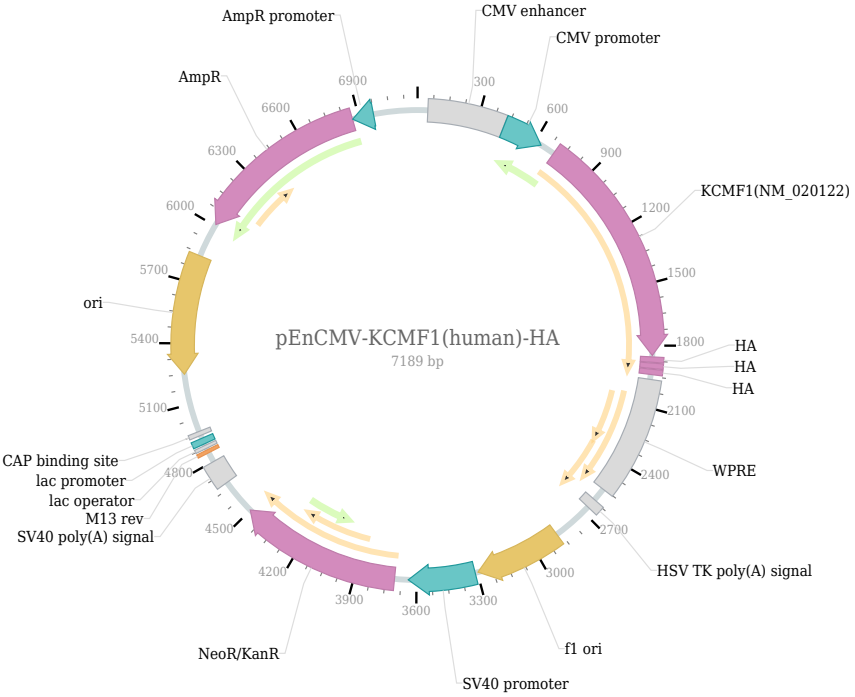
pEnCMV-KCMF1(human)-HA

Vector ID	V042232
Accession ID	NM_020122.5
Antibiotic Resistance	Ampicillin
Length	7189 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	HA
Growth Strain(s)	DH5a
Growth Temperature	37℃
Expression Method	Transient
Comment	pEnCMV-KCMF1(human)-HA (V042232) is a transient mammalian expression plasmid encoding human KCMF1 (NM_020122.5; E3 ubiquitin-protein ligase KCMF1, 381 aa; synonyms DEBT91/FIGC/PCMF/ZZZ1) under the CMV enhancer/promoter, followed by a C-terminal 3×HA tag, WPRE and HSV TK poly(A) signal. An SV40-driven NeoR/KanR cassette permits G418 selection in mammalian cells; the high-copy ColE1/pUC ori and AmpR support propagation in DH5α, with an f1 ori for single-strand rescue. CMV-F is the 5' sequencing primer.

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 ℃.