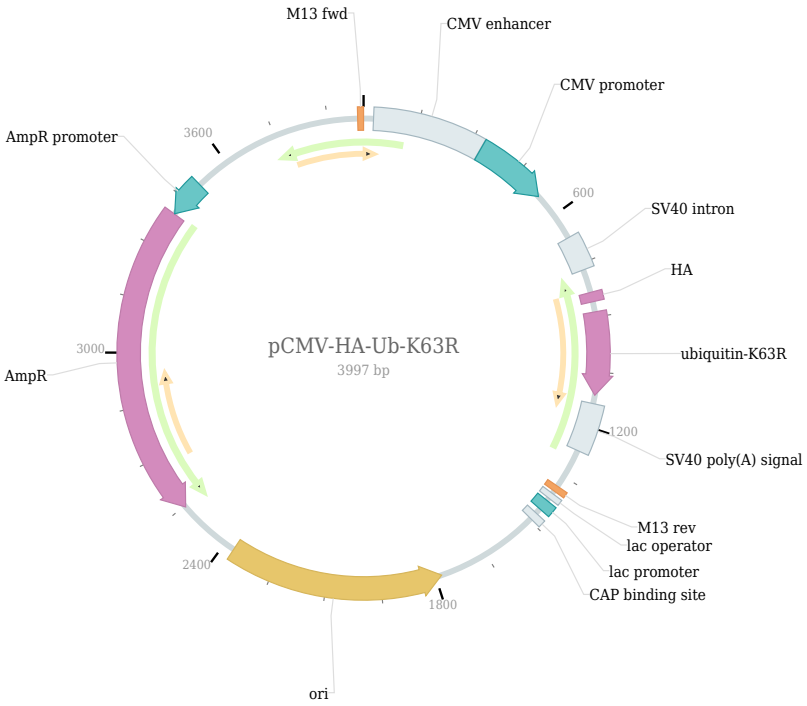
pCMV-HA-Ub-K63R

Vector ID	V013020
Antibiotic Resistance	Ampicillin
Length	3997 bp
Vector Type	Protein expression
Host	Mammalian cells

Product Information

Replication Origin	ori
Promoter	CMV
Growth Strain(s)	DH10B
Growth Temperature	37℃
Comment	pCMV-HA-Ub-K63R is designed to express a human HA-tagged K63R ubiquitin mutant driven by the strong CMV promoter. The K63R mutation is commonly used to specifically inhibit K63-linked polyubiquitination. The vector includes the SV40 intron and poly(A) signal for mRNA processing, AmpR for bacterial propagation, and a pMB1 origin (ori) for DNA replication.

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 ℃.