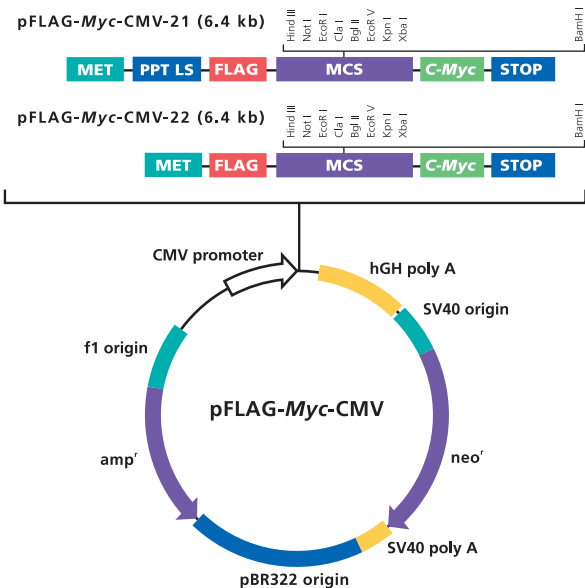




Multiple Cloning Site

(pFLAG-Myc-CMV-21* and pFLAG-Myc-CMV-22)

FLAG Peptide Sequence																									
Met*	Asp	Tyr	Lys	Asp	Asp	Asp	Asp	Lys	Not I		EcoR I		Cla I												
GAC	TAC	AAA	GAC	GAT	GAC	GAC	AG	CTT	GCG	GCC	GCG	AAT	TCA	TCC											
CTG	ATC	TTT	CTG	CTA	CAG	CTG	TTC	GAA	CGC	CGG	CGC	TTA	AGT	AGC											
										Hind III		C-Myc Sequence													
										Bgl III		EcoR V		Kpn I		Xba I		Glu		Gln		Lys		Leu	
ATA	GAT	CTG	ATA	TCG	GTA	CCA	GTC	GAC	TCT	AGA	GAA	CAA	AAA	CTC											
TAT	CTA	GAC	TAT	AGC	CAT	GGT	CAG	CTG	AGA	TCT	CTT	GTT	TTT	GAG											
C-Myc Sequence																									
Ile	Ser	Glu	Glu	Asp	Leu	STOP	BamH I**																		
ATC	TCA	GAA	GAG	GAT	CTG	TGA	GGA	TCC	CGG	GTG															
TAG	AGT	CTT	CTC	CTA	GAC	ACT	CCT	AGG	GCC	CAC															

*For pFLAG-myc-CMV-21 the Metpreprotrypsin leader sequence precedes the FLAG coding sequence.

**Using the BamH I site with another restriction site in the MCS for directional cloning will result in loss of the c-myc tag. Since the BamH I site is preceded by a stop codon it cannot be used alone for expression.