

## Structure of pXJ40 HA epitope-tagged expression vector for transient transfection of mammalian cells.

Transcription driven by:

CMV Enhancer +promoter /  $\beta$ -globin intron (non-coding) / epitope tag sequence/MCS/ SV40 polyadenylation signal sequence.

For parent plasmid ref. see Xiao, J.H., Davidson, I., Matthes, H., Garnier, J-M. & Chambon, P. (1991) Cell 65, 551-568

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>>>CMV enhancer/promoter--T7--Epitope tag--MCS--PolyA >>>>

/EcoR1/ .....HA Tag...../ BamH1/  
 T7 GAATTC ACC ATG TAC CCA TAC GAC GTG CCA GAC TAC GCA GGA TCC  
       Kozac M Y P Y D V P D Y A G S

/EcoR1/ .....FLAG Tag...../ BamH1/  
 T7 GAATTC ACC ATG GAC TAC AAG GAC GAC GAT GAT AAG GGC GGA TCC  
       Kozac M D Y K D D D D K G G S

/ Hind3 / Xho1 / Not1 / Sma1 / Pst1 / Sac1 / Kpn1 / Bgl2 /  
 AAG CTT CTC GAG GCG GCC GCC CGG GCT GCA GGA GCT CGG TAC CAG ATC TT

Notes: the Sac1 site is not unique to the polylinker

The BamH1 site is in the same frame as the pGEX series.