



Description:

pLKO_AS3w.puro is a bi-cistronic lentivirus-expression-vector driven by CAG promoter (composed of CMV enhancer [CMVieEnh] and beta-actin promoter). Puromycin resistant gene (PAC) was cloned into *Bst*XI site of the pLKO_AS3w plasmid for the selection of virally transduced cells.

Location of Features (for other features, please refer to pLKO_AS3w):

- CAG promoter : nt241-1947
- Multiple cloning sites:
*Nhe*I(nt1981), *Asc*I(nt1988), *Eco*RI(nt1995), *Pst*I(nt2005), *Pme*I(nt2011)
- IRES of EMCV (IRES1): nt2015-2617
- Puromycin resistant gene: nt2615-3214

Note:

1. **Stbl3 (Invitrogen) bacteria is recommended to be used for transformation.**
2. **Please clone your gene of interest into *Nhe*I site where it provides AGC (followed by ATG coden of your gene) as a Kozak sequence for efficient translation.**