Product datasheet for **PS100124**

**pEntry-rtTA Inducible Expression Vector**

**Product data:**

- **Product Type:** Inducible Expression Vectors
- **C-Tag:** Myc-DDK
- **E. coli Selection:** Kanamycin
- **Mammalian Cell Selection:** Neomycin
- **Features:** This vector is a tetracycline-inducible mammalian expression vector. ORFs cloned in this vector will be expressed under tetracycline-inducible promoter as a fusion protein with the C-terminal Myc-DDK tags. (DDK is the same as FLAG® which is a registered trademark of Sigma Aldrich).

**Schematic of the multiple cloning sites:**

**Product images:**

Effects of doxycycline on expression of MAP3K12-Myc-DDK protein by Western blotting analysis. pEntry-rtTA-MAP3K12-Myc-DDK (PS100124, OriGene) transfected HEK293T cells were treated with increasing doxycycline (Dox) concentrations (0, 1, 10, 100 and 1,000 ng/mL) for 72 hrs. Untransfected (UT) and transfected cells were lysed and analyzed using Western blot with DDK (FLAG®)-specific antibody TA50011, OriGene). 30 µg of proteins were loaded on each lane. Anti-β-Actin mouse mAb (ITA811000, OriGene) was used as loading control for Western blot. Bar graphs represent relative MAP3K12-Myc-DDK expression normalized with β-Actin.
This product is to be used for laboratory only. Not for diagnostic or therapeutic use.
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