Product datasheet for **TR30030**

**pRFP-C-shLenti shRNA Vector**

**Product data:**

- **Product Type:** shRNA Vectors
- **Control Type:** Negative
- **Fluorescent Label:** None
- **E. coli Selection:** Chloramphenicol
- **Mammalian Cell Selection:** Puromycin
- **Viral Packaging:** Lentiviral

**Feature:**
- pRFP-C-shLenti vector is a third generation Lentivector which requires the viral components carried in other vectors to produce viral particles. There are three major functional elements within the 5LTR and 3LTR: a shRNA expression cassette driven by an U6 promoter, a puromycin resistant gene driven by a SV40 promoter and a tRFP gene driven by a CMV promoter. All of them can be packaged to viral particles and transduced to many cell lines. The bacterial selection marker for the vector is Chloramphenicol.
- U6_F (GE100110) Primer can be used to sequence the target sequence after cloning.

**Vector Sequence:** [Download](#)

**Storage:** Store the vector DNA at -20°C.

**Stability:** Vector DNA is stable for at least one year from date of receipt when stored at -20°C.
This product is to be used for laboratory only. Not for diagnostic or therapeutic use.
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