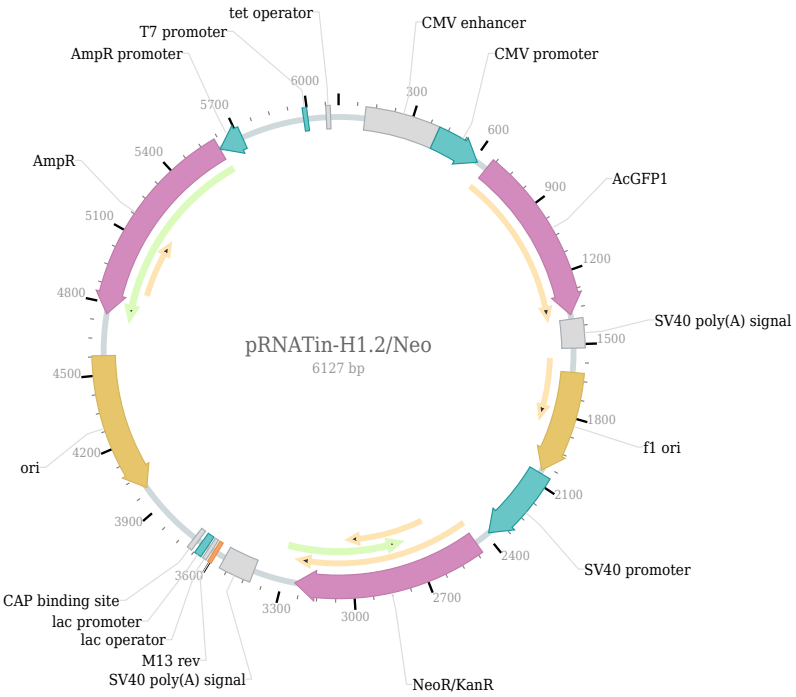
pRNATin-H1.2/Neo

载体编号 Vector ID	V011285
抗性 Antibiotic Resistance	Ampicillin
长度 Length	6127 bp
载体类型 Vector Type	RNAi vectors

产品信息

复制子 Replication Origin	ori
筛选标记 Selection Marker	Neomycin
启动子 Promoter	H1.2
克隆方法 Cloning Method	Enzyme digestion and ligation
5' 引物 5' Primer	TAATACGACTCACTATAGGG
3' 引物 3' Primer	TAGAAGGCACAGTCGAGG
融合标签 Fusion Tag	cGFP
备注 Comment	pRNATin-H1.2/Neo/siFluc is a GenScript siRNA expression vector. It is designed for mammalian transfection. The GFP marker (coral GFP, cGFP) under CMV promoter control can be used to track the transfection efficiency. It uses the H1.2 promoter, an engineered inducible promoter containing a tetracycline operator (TetO1) for siRNA expression. This vector contains siRNA construct for Firefly luciferase, and can be used as a positive control. It can also be used as a siRNA vector using BamH I and Hind III for siRNA insertion.

质粒图谱



复溶方法

1. Centrifuge at 5,000×g for 5 min.
2. Carefully open the tube and add sterile water to dissolve the DNA: add 20 µl for 5 µg plasmid, and 100 µl for 100 µg plasmid.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin to concentrate the liquid at the bottom. Speed is less than 5000×g.
5. Store the plasmid at -20 ℃.