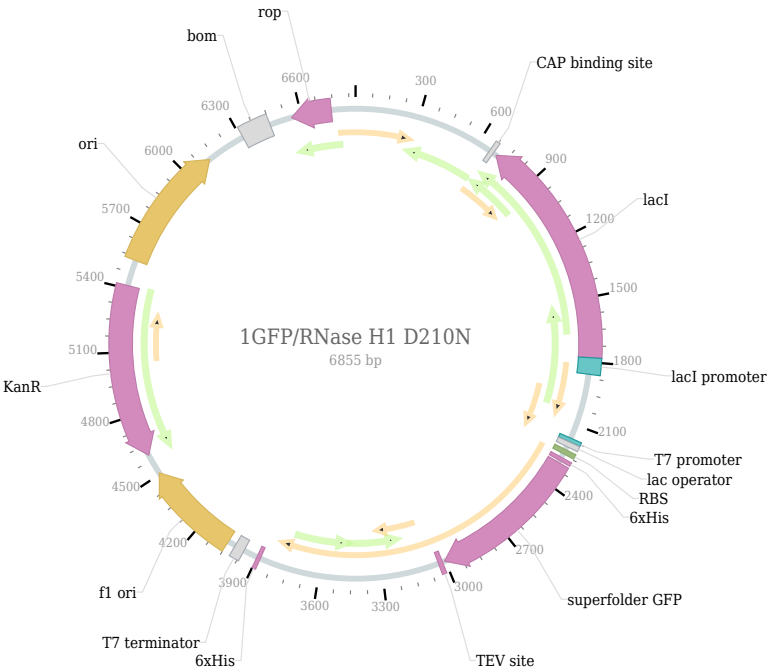
1GFP/RNase H1 D210N

载体编号 Vector ID	V017306
抗性 Antibiotic Resistance	Kanamycin
长度 Length	6855 bp
载体类型 Vector Type	Protein expression
宿主 Host	E. coli

产品信息

复制子 Replication Origin	ori
拷贝数 Copy Number	Low
启动子 Promoter	T7
培养菌株 Growth Strain(s)	DH10B
培养温度 Growth Temperature	37℃
备注 Comment	1GFP/RNase H1 D210N is a bacterial T7-expression plasmid producing N-terminally His-GFP–tagged, catalytically dead human RNase H1 (D210N). Purified GFP-dRNH1 binds RNA–DNA hybrids specifically, serving as a sensitive probe for R-loop imaging in fixed cells.

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 ℃.