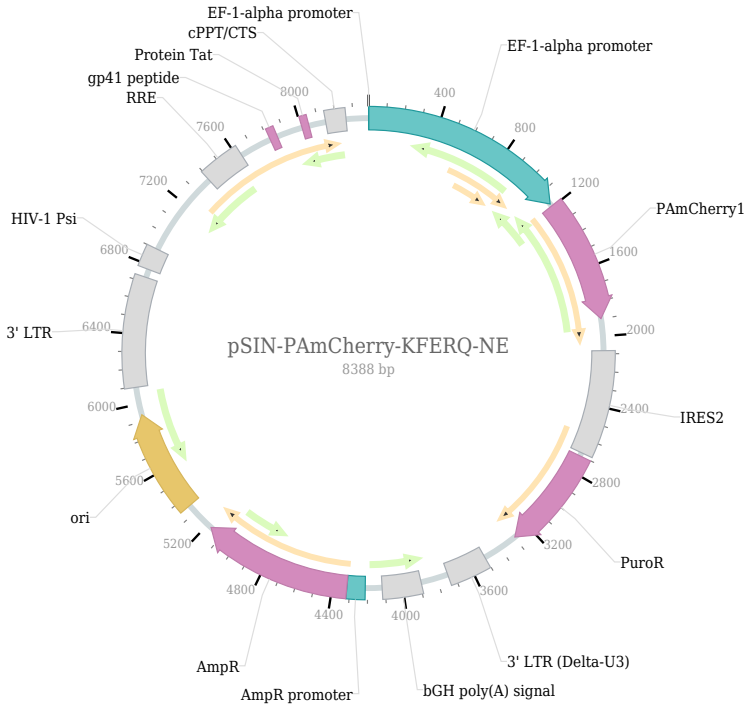
pSIN-PAmCherry-KFERQ-NE

载体编号 Vector ID	V017137
抗性 Antibiotic Resistance	Ampicillin
长度 Length	8388 bp
载体类型 Vector Type	Constitutive expression
宿主 Host	Mammalian cells, Lentivirus

产品信息

复制子 Replication Origin	ori
筛选标记 Selection Marker	Puro
启动子 Promoter	EF-1α
培养菌株 Growth Strain(s)	Stbl3
培养温度 Growth Temperature	37℃
备注 Comment	The pSIN-PAmCherry-KFERQ-NE plasmid is a lentiviral vector designed for monitoring chaperone-mediated autophagy (CMA) activity. Key features include: CMA substrate: Contains the "KFERQ" pentapeptide motif recognized by HSPA8/HSC70 for lysosomal targeting; Photoactivatable reporter: PAmCherry fluorescence enables pulse-chase degradation assays; NE epitope tag: Allows antibody-based detection; Puromycin resistance: For stable cell line selection.

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 ℃.