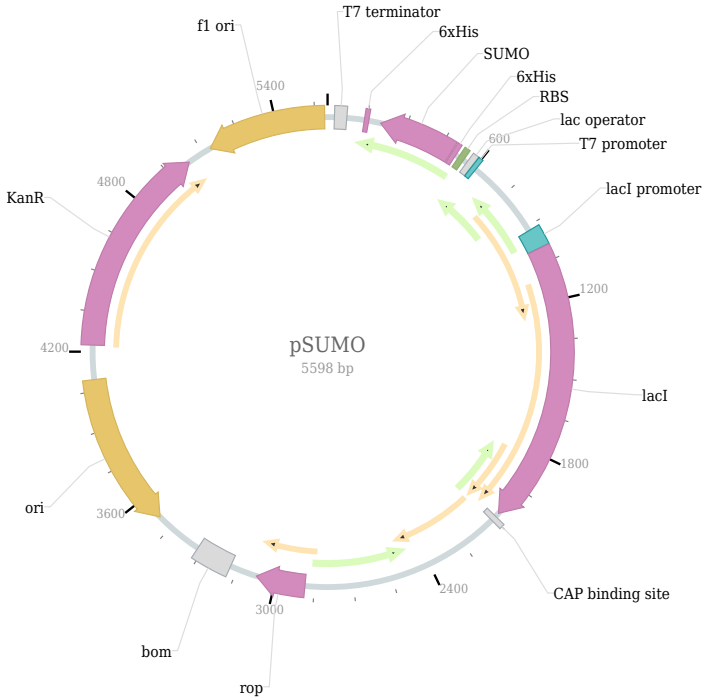
pSUMO

载体编号 Vector ID	V012981
抗性 Antibiotic Resistance	Kanamycin
长度 Length	5598 bp
载体类型 Vector Type	Protein expression
宿主 Host	E. coli

产品信息

复制子 Replication Origin	ori
启动子 Promoter	T7
培养菌株 Growth Strain(s)	DH10B
培养温度 Growth Temperature	37℃
备注 Comment	pSUMO is a pET24-derived T7 expression vector carrying yeast SMT3 (SUMO) downstream of an N-terminal His6 tag, with a unique BsaI site at SUMO's C-terminus for seamless in-frame cloning. SUMO markedly enhances the expression and solubility of difficult proteins; the ULP1 protease then cleaves at SUMO's folded structure, yielding native N-termini.

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 ℃.