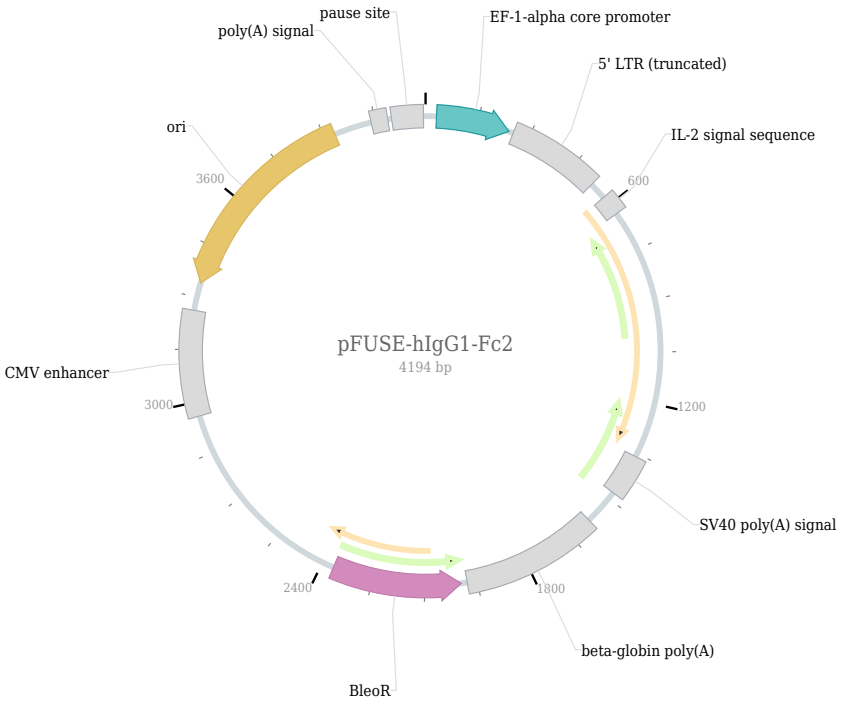
pFUSE-hIgG1-Fc2

载体编号 Vector ID	V013003
抗性 Antibiotic Resistance	Zeocin
长度 Length	4194 bp
载体类型 Vector Type	Protein expression, Antibody expression
宿主 Host	Mammalian cells

产品信息

复制子 Replication Origin	ori
筛选标记 Selection Marker	Zeo
启动子 Promoter	EF-1α core
培养菌株 Growth Strain(s)	DH10B
培养温度 Growth Temperature	37℃
备注 Comment	This is a 4194 bp mammalian expression vector, pFUSE-hIgG1-Fc2, designed for secreting human IgG1 Fc fusion proteins. It utilizes the EF-1-alpha core promoter and an IL-2 signal sequence to drive expression and secretion. The vector includes a CMV enhancer, SV40 poly(A), and beta-globin poly(A) signals for efficient transcription termination. For selection, it features a Bleomycin resistance gene (BleoR) alongside bacterial elements including an AmpR promoter, ori, and f1 ori.

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 ℃.