pGAPZα A

载体编号 Vector ID	V010273
抗性 Antibiotic Resistance	Zeocin
长度 Length	3149 bp
载体类型 Vector Type	Yeast Plasmids
宿主 Host	Yeast

产品信息

复制子 Replication Origin	ori
来源 Source/Author	Invitrogen (Life Technologies)
拷贝数 Copy Number	High copy number
启动子 Promoter	GAP
培养菌株 Growth Strain(s)	DH10B
培养温度 Growth Temperature	37℃
备注 Comment	The pGAPZα A vector is designed for expression in Pichia pastoris under the control of the constitutive GAP promoter. This vector features a Zeocin resistance marker for easy selection of transformed cells. One of its key characteristics is the ability to produce high levels of recombinant proteins without the need for induction. pGAPZα A offers several advantages, such as consistent expression, reduced production costs due to the lack of inducer requirements, and suitability for large-scale production. It is ideal for expressing proteins that need continuous production or when rapid expression is desired without the complexity of induction. Additionally, it can be easily manipulated for cloning and downstream processing.

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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 ℃.