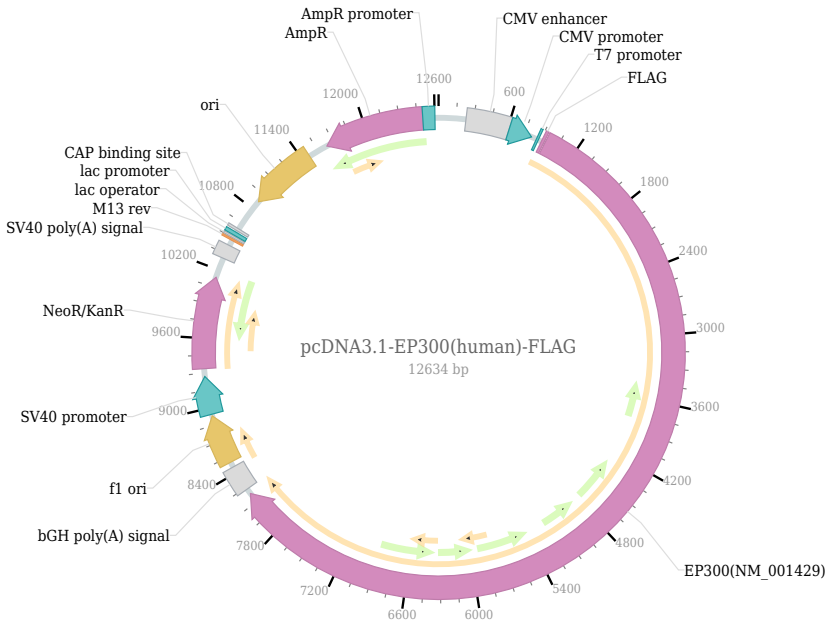
pcDNA3.1-EP300(human)-FLAG

载体编号 Vector ID	V018360
登录号 Accession ID	NM_001429.4
抗性 Antibiotic Resistance	Ampicillin
长度 Length	12634 bp
载体类型 Vector Type	Protein expression
宿主 Host	Mammalian cells

产品信息

复制子 Replication Origin	ori
筛选标记 Selection Marker	Neo/G418
启动子 Promoter	CMV
融合标签 Fusion Tag	FLAG
培养菌株 Growth Strain(s)	JM109
表达方式 Expression Method	Transient
备注 Comment	pCDNA3.1-EP300(human)-FLAG (12.6 kb) is a mammalian expression vector for the human EP300 (p300) gene. It features a CMV promoter driving the full-length EP300 ORF (NM_001429) with a C-terminal FLAG tag for detection. The vector also includes an AmpR (ampicillin resistance) for bacterial selection, a NeoR/KanR cassette (G418 resistance) for stable selection in mammalian cells, pUC ori, f1 ori, bGH poly(A) signal, and SV40 poly(A) signal. EP300 is a histone acetyltransferase involved in transcriptional regulation and chromatin remodeling

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 ℃.