# pcDNA3.1-ALOX15B(human)

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| **载体编号 Vector ID** | V044262 |
| **登录号 Accession ID** | NM_001039130.2 |
| **抗性 Antibiotic Resistance** | Ampicillin |
| **长度 Length** | 7331 bp |
| **载体类型 Vector Type** | Protein expression |
| **宿主 Host** | Mammalian cells |

## 产品信息

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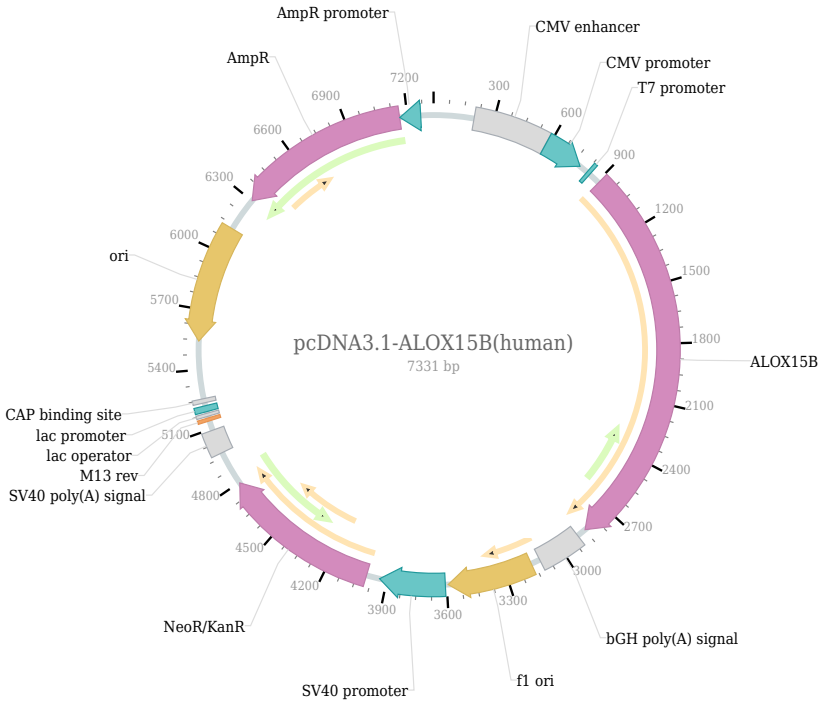
| **复制子 Replication Origin** | ori |
| **筛选标记 Selection Marker** | Neo/G418 |
| **拷贝数 Copy Number** | High |
| **启动子 Promoter** | CMV |
| **5' 引物 5' Primer** | CMV-F |
| **培养菌株 Growth Strain(s)** | DH5a |
| **培养温度 Growth Temperature** | 37℃ |
| **表达方式 Expression Method** | Transient |
| **备注 Comment** | pcDNA3.1-ALOX15B(human) (7.3 kb) is a mammalian expression vector for human ALOX15B (arachidonate 15-lipoxygenase type B). A CMV promoter drives expression of the full-length ALOX15B coding sequence. The vector also includes NeoR/KanR (G418 resistance) for stable selection, AmpR for bacterial selection, pUC ori, f1 ori, SV40 promoter/poly(A), bGH poly(A), and M13 priming sites. |

## 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 ℃.