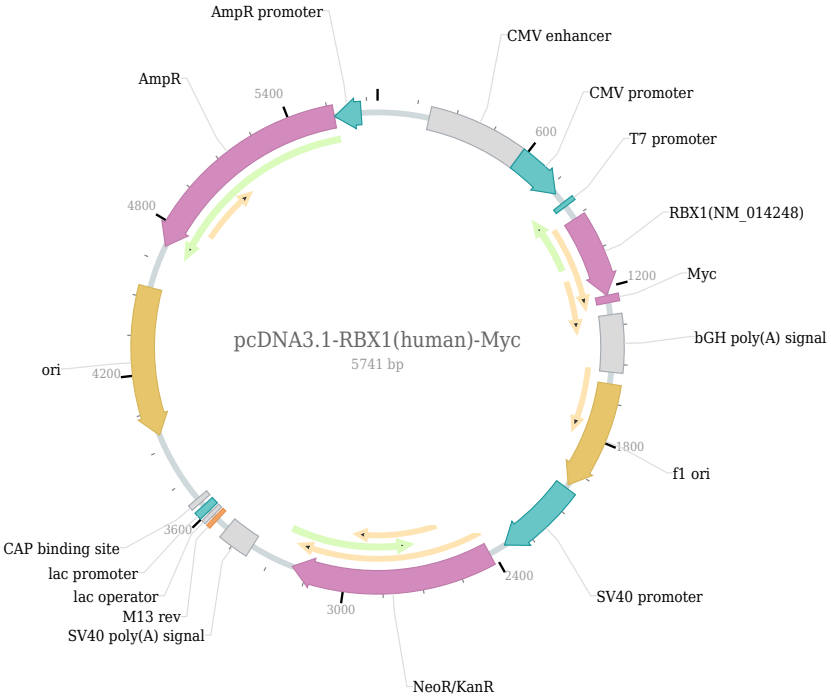
pcDNA3.1-RBX1(human)-Myc

Vector ID	V025903
Accession ID	NM_014248.4
Antibiotic Resistance	Ampicillin
Length	5741 bp
Vector Type	Protein expression
Host	Mammalian cells

Product Information

Replication Origin	ori
Selection Marker	Neo/G418
Promoter	CMV
Fusion Tag	Myc
Growth Strain(s)	DH10B
Expression Method	Transient
Comment	This is a 5741 bp mammalian expression vector, pcDNA3.1-RBX1(human)-Myc. It is designed to express a Myc-tagged human RBX1 protein, driven by the strong CMV promoter. The vector incorporates the NeoR/KanR gene under the SV40 promoter for antibiotic selection in mammalian cells, and the AmpR gene for bacterial propagation. It also includes standard elements such as the origin of replication (ori) and polyadenylation signals for stable transfection and protein expression.

Vector Map



Plasmid Resuspension Protocol

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 ℃.