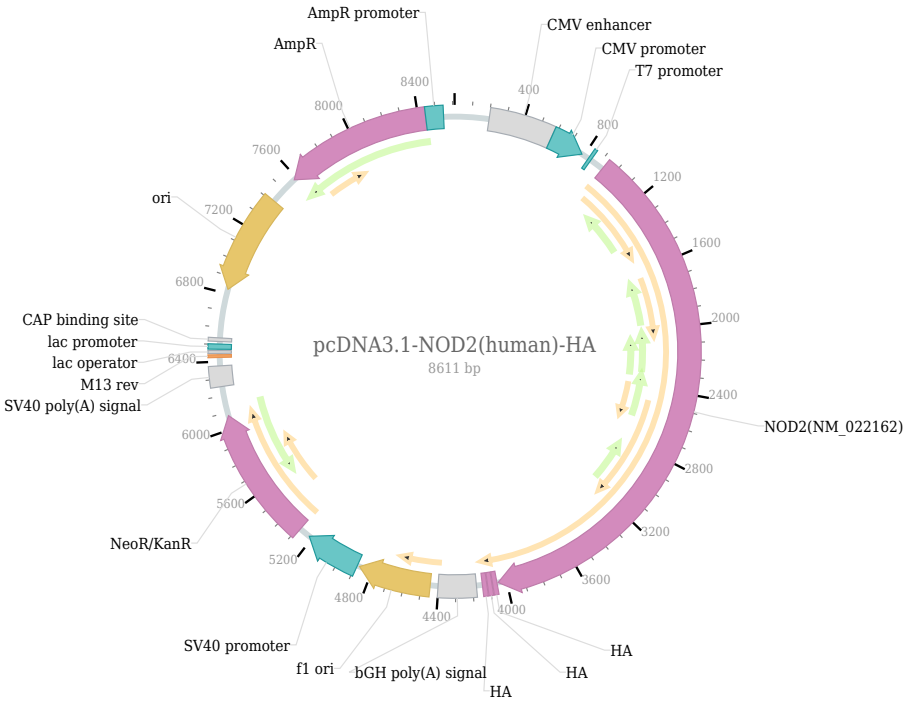
pcDNA3.1-NOD2(human)-HA

Vector ID	V034054
Accession ID	NM_022162.3
Antibiotic Resistance	Ampicillin
Length	8611 bp
Vector Type	Protein expression
Host	Mammalian cells

Product Information

Replication Origin	ori
Selection Marker	Neo/G418
Promoter	CMV
5' Primer	CMV-F
Fusion Tag	HA
Growth Strain(s)	DH10B
Growth Temperature	37℃
Expression Method	Transient
Comment	pcDNA3.1-NOD2(human)-HA drives expression of human NOD2 (nucleotide-binding oligomerization domain-containing protein 2), an intracellular pattern recognition receptor involved in the innate immune response by recognizing bacterial peptidoglycan fragments (such as muramyl dipeptide) and activating NF-κB signaling pathways, with an HA tag.

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 ℃.