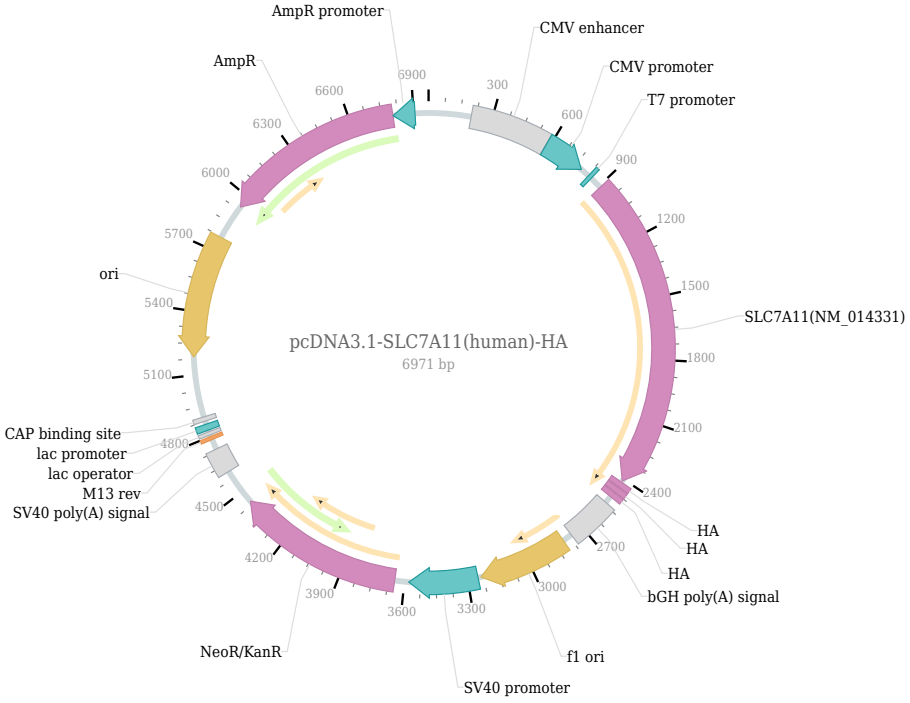
pcDNA3.1-SLC7A11(human)-HA

Vector ID	V022769
Accession ID	NM_014331.4
Antibiotic Resistance	Ampicillin
Length	6971 bp
Vector Type	Protein expression
Host	Mammalian cells

Product Information

Replication Origin	ori
Selection Marker	Neo/G418
Promoter	CMV
Fusion Tag	HA
Growth Strain(s)	DH10B
Expression Method	Transient
Comment	It is designed for constitutive expression of the human SLC7A11 gene with an HA tag, driven by the CMV promoter. The vector contains a bGH poly(A) signal and utilizes an SV40 promoter to drive the NeoR/KanR selection marker. It also features an f1 ori, ori, and AmpR for bacterial replication and selection.

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 ℃.