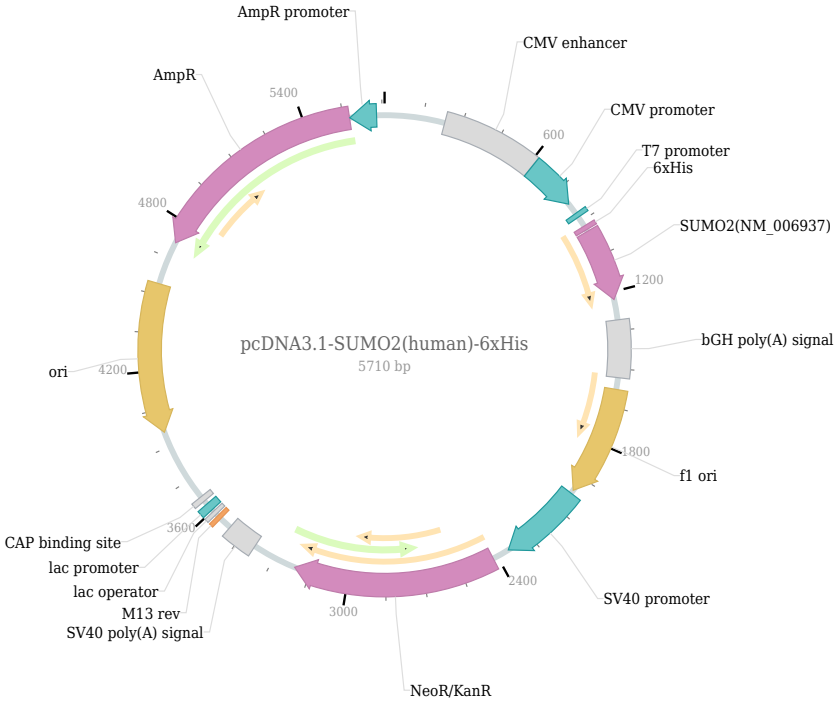
pcDNA3.1-SUMO2(human)-6xHis

Vector ID	V029583
Accession ID	NM_006937.4
Antibiotic Resistance	Ampicillin
Length	5710 bp
Vector Type	Protein expression
Host	Mammalian cells

Product Information

Replication Origin	ori
Selection Marker	Neo/G418
Promoter	CMV
Fusion Tag	6xHis
Growth Strain(s)	DH5a
Growth Temperature	37℃
Expression Method	Transient
Comment	pcDNA3.1-SUMO2(human)-6xHis is a mammalian expression plasmid encoding human SUMO2 (small ubiquitin-like modifier 2) with a 6xHis tag in pcDNA3.1. Supports SUMOylation pathway studies and Ni-NTA enrichment of His-tagged SUMO2 conjugates for identifying sumoylation targets.

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 ℃.