pSPL3

Vector ID	V001167
Antibiotic Resistance	Ampicillin
Length	6031 bp
Vector Type	Cloning vectors

Product Information

Replication Origin	ori
Growth Strain(s)	DH10B
Growth Temperature	37℃
Comment	The pSPL3 vector is designed for exon trapping and splicing analysis. One of its key features is the presence of splice acceptor and donor sites that facilitate the detection of alternative splicing events. pSPL3 offers several advantages, such as high efficiency in capturing exons and providing insights into gene structure and function. It is ideal for researchers studying splicing regulation, identifying novel exons, and characterizing gene variants. When investigating complex splicing patterns or looking for potential disease-causing mutations related to splicing, pSPL3 is a valuable choice.

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 ℃.