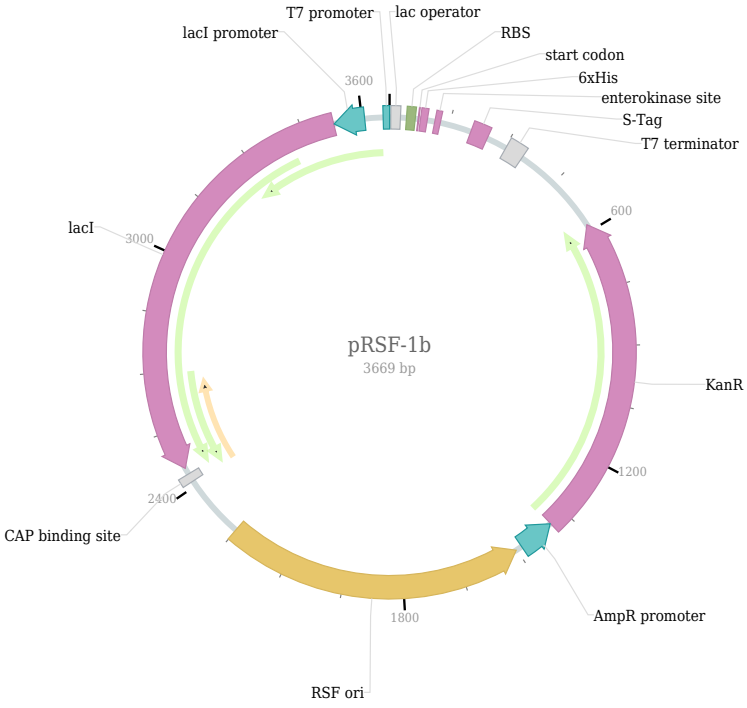
pRSF-1b

Vector ID	V010926
Antibiotic Resistance	Kanamycin
Length	3669 bp
Vector Type	pET & Duet Vectors (Novagen)

Product Information

Replication Origin	RSF ori
Source/Author	Novagen (EMD Millipore)
Copy Number	High copy number
Growth Strain(s)	Top10
Growth Temperature	37℃
Comment	pRSF-1b is a pRSFDuet-family E. coli expression vector combining the high-copy RSF1030 replicon, T7 promoter, kanamycin resistance, and N-terminal His6 tag. Its IncQ-group origin is compatible with ColE1 and p15A plasmids, supporting multi-plasmid co-expression in T7-expression hosts.

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 ℃.