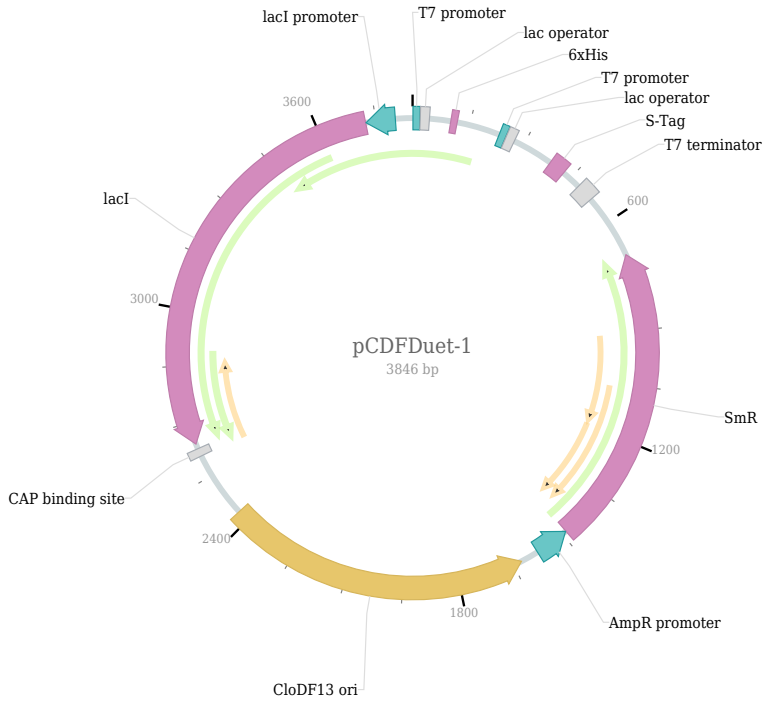
pCDFDuet-1

Vector ID	V011038
Antibiotic Resistance	Streptomycin
Length	3846 bp
Vector Type	pET & Duet Vectors (Novagen)

Product Information

Replication Origin	CloDF13 ori
Source/Author	Novagen (EMD Millipore)
Copy Number	High copy number
Growth Strain(s)	DH10B
Comment	pCDFDuet-1 is a Novagen dual-promoter E. coli co-expression vector with two independent T7 promoters driving MCS1 and MCS2, with CloDF13 origin and streptomycin resistance, for simultaneous dual-protein expression.

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 ℃.