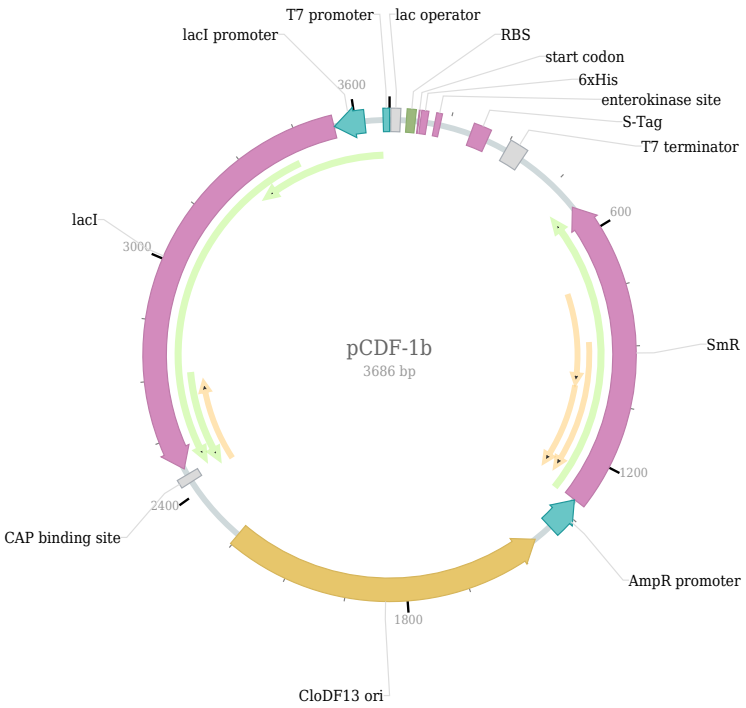
# pCDF-1b

| | |
|---|---|
| **Vector ID** | V011041 |
| **Antibiotic Resistance** | Streptomycin |
| **Length** | 3686 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)** | Top10 |
| **Comment** | pCDF-1b is a Novagen E. coli co-expression vector with CloDF13 origin, T7 promoter, and streptomycin/spectinomycin resistance, compatible with ColE1 and p15A vectors for dual-gene 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 ℃.