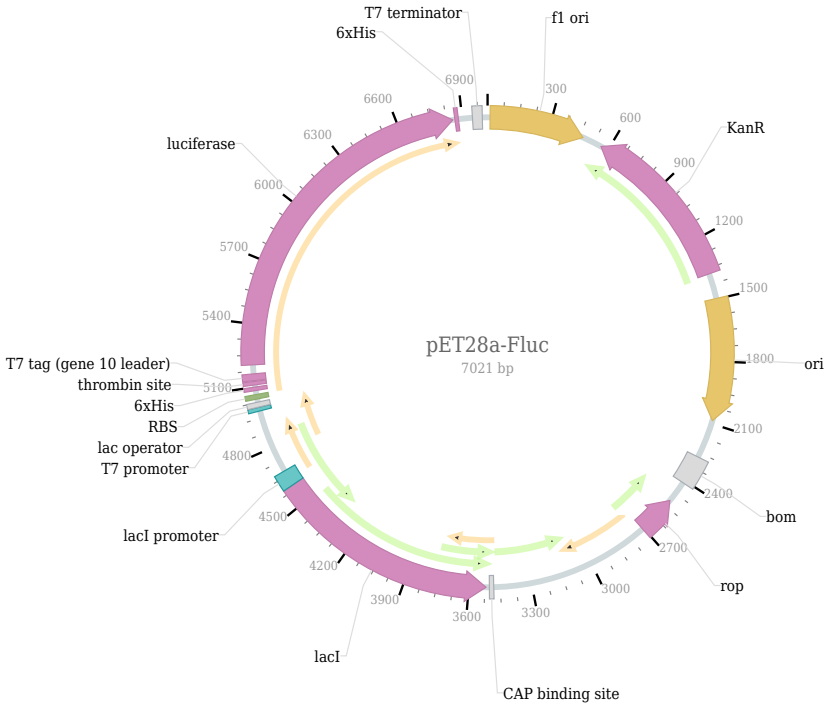
pET28a-Fluc

Vector ID	V013561
Antibiotic Resistance	Kanamycin
Length	7021 bp
Vector Type	Protein expression
Host	E. coli

Product Information

Replication Origin	ori
Promoter	T7
Growth Strain(s)	DH10B
Growth Temperature	37℃
Comment	pET28a-Fluc is a prokaryotic expression vector that efficiently expresses firefly luciferase bearing a 6×His tag in Escherichia coli upon IPTG induction. It is employed for bioluminescence assays and the purification of recombinant proteins.

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 ℃.