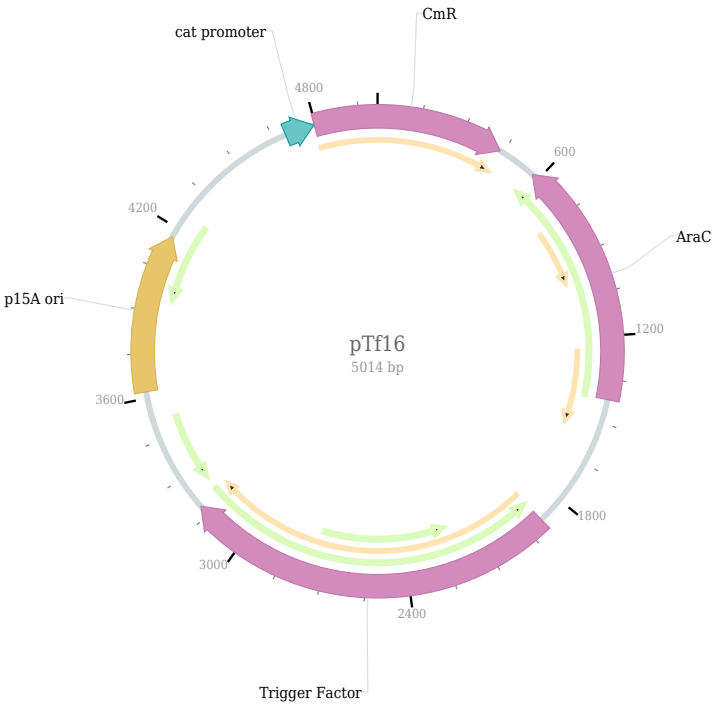
pTf16

Vector ID	V012943
Antibiotic Resistance	Chloramphenicol
Length	5014 bp
Vector Type	Packaging assistance
Host	E. coli

Product Information

Replication Origin	p15A ori
Growth Strain(s)	DH10B
Growth Temperature	37℃
Comment	The pTf16 vector plasmid is a chaperone plasmid. Primarily for facilitating the production and folding of recombinant proteins in bacterial systems, particularly Escherichia coli (E. coli). It has been shown that the co-expression of ScFvs and the chaperone plasmids PG-tf2, pTf16, pGro7, pKJE7, and pG-KJE8 leads to a noticeable increase in the expression of soluble 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 ℃.