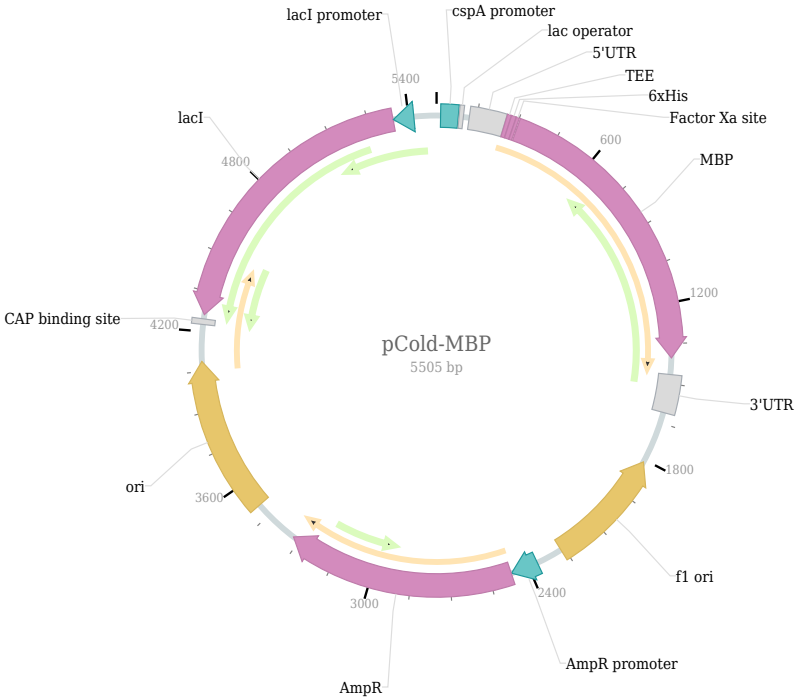
pCold-MBP

Vector ID	V012984
Accession ID	pColdMBP
Antibiotic Resistance	Ampicillin
Length	5505 bp
Vector Type	Protein expression
Host	E. coli

Product Information

Replication Origin	ori
Promoter	cspA
Growth Strain(s)	DH5a
Growth Temperature	37℃
Comment	pCold-MBP is an E. coli expression vector with cspA cold-shock promoter, N-terminal MBP (maltose-binding protein) solubility-enhancing tag, Amp resistance, for low-temperature inducible expression of soluble 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 ℃.