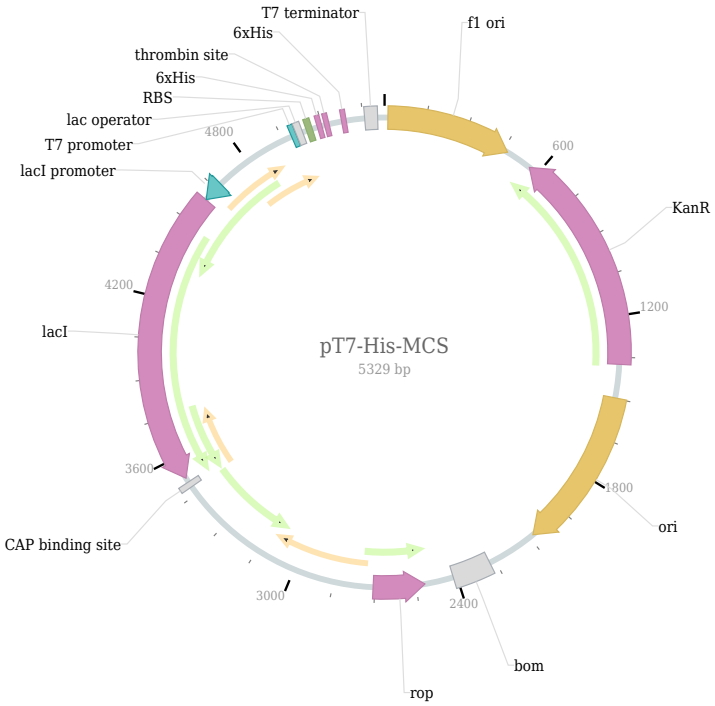
pT7-His-MCS

Vector ID	V013266
Accession ID	pT7HisMCS
Antibiotic Resistance	Kanamycin
Length	5329 bp
Vector Type	Protein expression
Host	E. coli

Product Information

Replication Origin	ori
Promoter	T7
Growth Strain(s)	Top10
Growth Temperature	37℃
Comment	pT7-His-MCS is a T7 promoter-based bacterial expression vector with an N-terminal His6 tag upstream of the MCS in pET-family architecture. Enables IPTG-inducible high-level expression of His-tagged proteins in T7 RNAP hosts with Ni-NTA purification.

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 ℃.