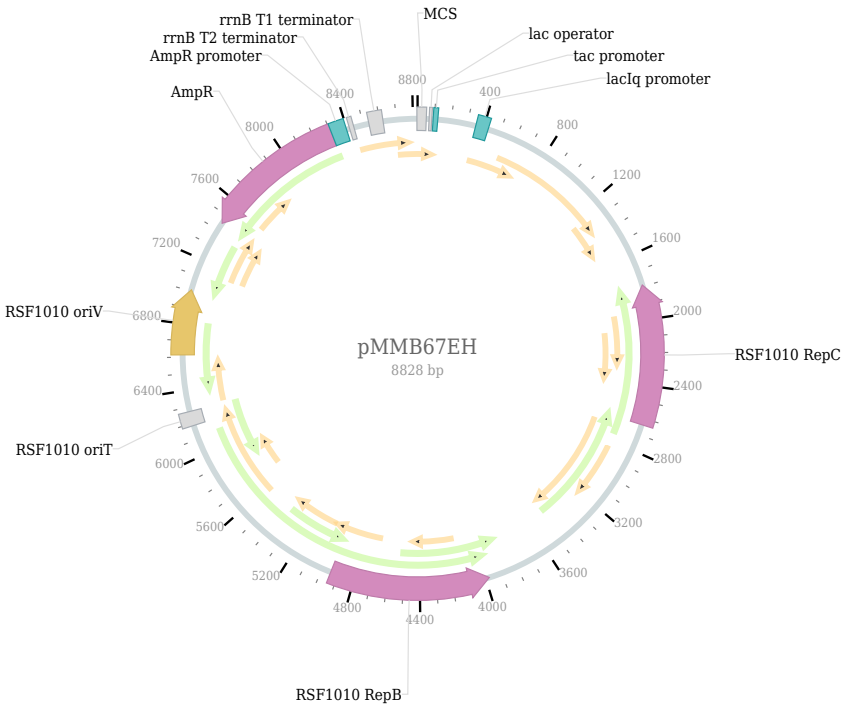
pMMB67EH

Vector ID	V013726
Antibiotic Resistance	Ampicillin
Length	8828 bp
Vector Type	Protein expression
Host	Broad host

Product Information

Replication Origin	RSF1010 oriV
Promoter	Tac
Growth Strain(s)	stbl3
Growth Temperature	37℃
Comment	As a broad-host-range expression vector based on the RSF1010 replicon, the core advantages of pMMB67EH are: (1) It replicates in a wide range of Gram-negative bacteria and enables tightly regulated gene expression; (2) It can be introduced into recalcitrant strains via conjugative transfer; (3) The tac promoter paired with the lacI^q repressor system allows for IPTG-concentration-dependent inducible 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 ℃.