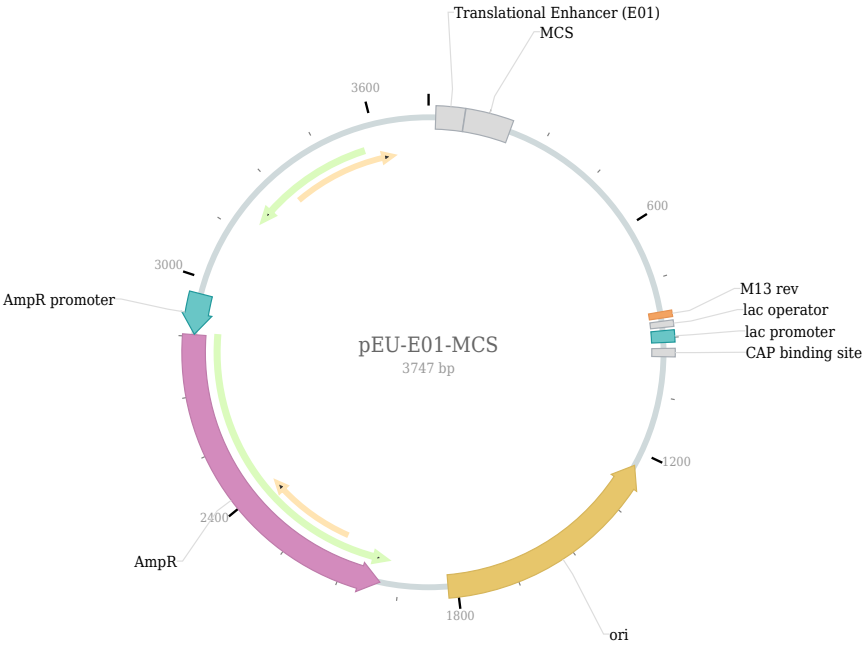
pEU-E01-MCS

Vector ID	V012997
Antibiotic Resistance	Ampicillin
Length	3747 bp
Vector Type	Protein expression
Host	Cell-free

Product Information

Replication Origin	ori
Promoter	SP6
Growth Strain(s)	DH10B
Growth Temperature	37℃
Comment	pEU-E01-MCS, serving as a vector for the wheat germ cell-free expression system, efficiently expresses target membrane proteins via the SP6 promoter and E01 enhancer. It supports in vitro synthesis and functional analysis, thereby aiding research into membrane protein transport mechanisms.

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 ℃.