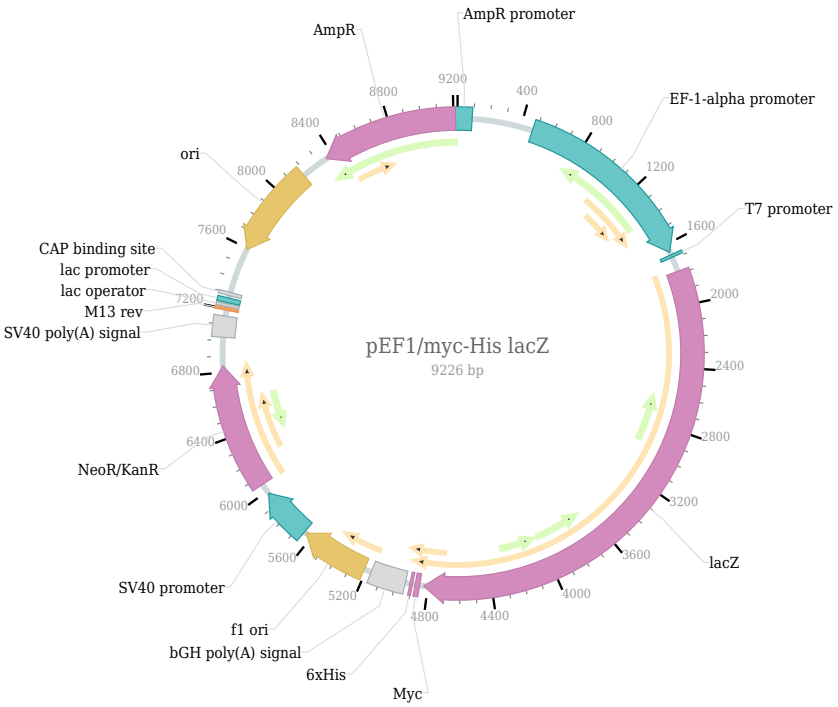
pEF1/myc-His lacZ

Vector ID	V012102
Antibiotic Resistance	Ampicillin
Length	9226 bp
Vector Type	Mammalian Expression Vectors

Product Information

Replication Origin	ori
Selection Marker	Geneticin (G-418)
Promoter	EF-1α
Cloning Method	Enzyme digestion and ligation
Fusion Tag	His Tag (6x), V5 Epitope Tag
Comment	All pEF or pUB vectors contain a strong promoter for high-level expression in mammalian cells, a choice of selection marker for generating stable cell lines, and an epitope tag for easy detection with a monoclonal antibody and rapid purification on nickel-chelating resin. Each vector is available in three reading frames to simplify cloning in-frame with the fusion tag.

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 ℃.