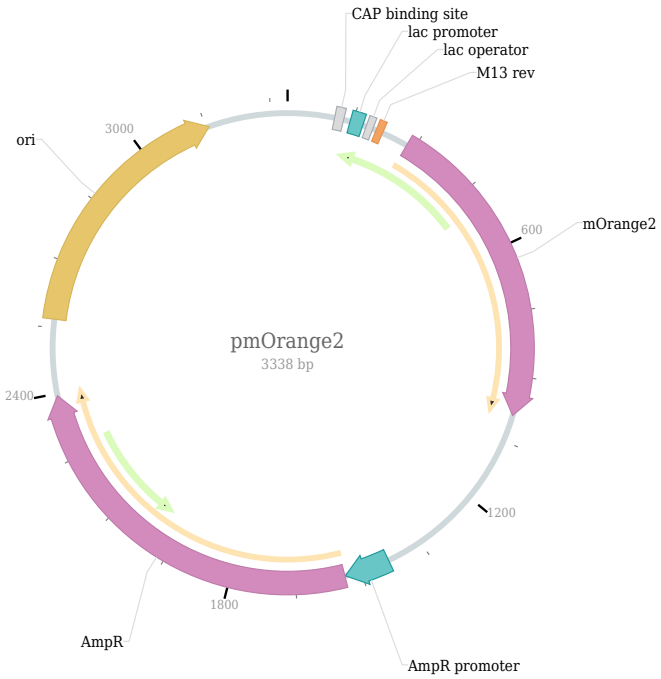
pmOrange2

Vector ID	V011962
Antibiotic Resistance	Ampicillin
Length	3338 bp
Vector Type	Fluorescent Protein Genes & Plasmids

Product Information

Replication Origin	ori
Source/Author	Clontech
Copy Number	High copy number
3' Primer	M13 rev
Comment	pmOrange2 is a vector expressing mOrange2, a photostabilized monomeric orange fluorescent protein evolved from mOrange (25-fold improved photostability; Shaner et al. 2008). Enables long-duration orange fluorescence imaging and multicolor experiments in mammalian cells.

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 ℃.