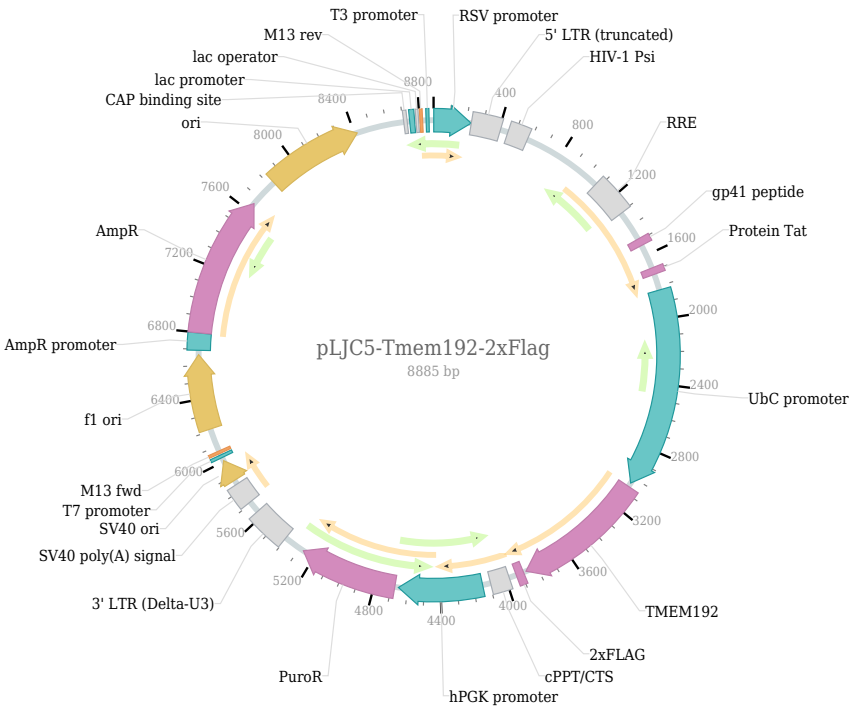
pLJC5-Tmem192-2xFlag

Vector ID	V014696
Antibiotic Resistance	Ampicillin
Length	8885 bp
Vector Type	Protein expression
Host	Mammalian cells, Lentivirus

Product Information

Replication Origin	ori
Selection Marker	Puro
Copy Number	Extremely low
Promoter	UbC
Cloning Method	Restriction Enzyme
5' Primer	CGAAGGAATAGAAGAAGAAGGTGGAGA
Growth Strain(s)	stbl3
Growth Temperature	37℃
Comment	pLJC5-Tmem192-2xFlag is a lentiviral transfer plasmid, engineered to express the human lysosomal membrane protein TMEM192 fused with a 2×Flag tag for lysosome labeling, LysoIP-based purification, and related mechanistic studies (e.g., mTOR pathway regulation).

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 ℃.