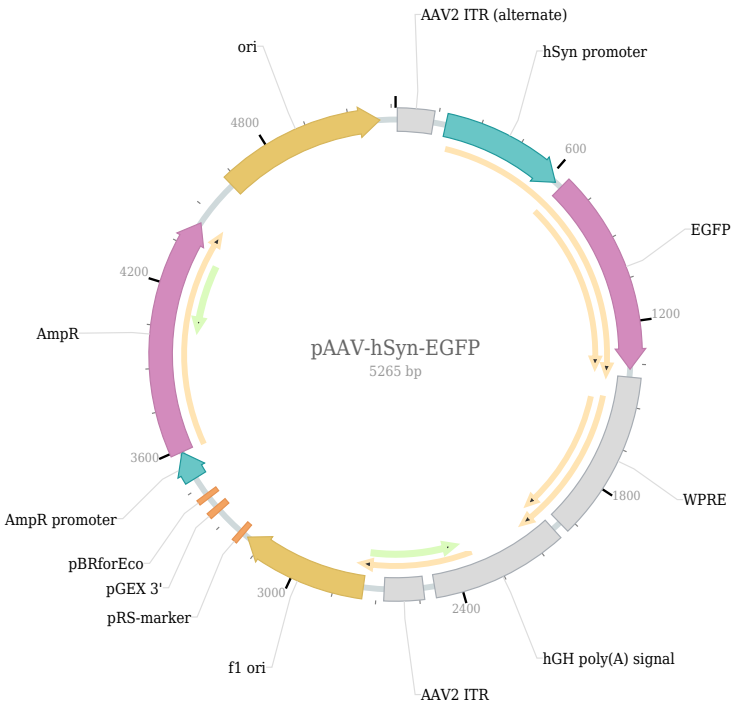
pAAV-hSyn-EGFP

Vector ID	V006746
Antibiotic Resistance	Ampicillin
Length	5265 bp
Vector Type	AAV

Product Information

Replication Origin	ori
Copy Number	Low Copy
Promoter	SYN1
Cloning Method	Restriction Enzyme
5' Primer	TCGTGTCGTGCCTGAGAGCG
3' Primer	GCATTAAAGCAGCGTATCCACATAGC
Growth Strain(s)	Stbl3
Comment	pAAV-hSyn-EGFP is an adeno-associated virus plasmid that specifically expresses green fluorescent protein in neurons, which in turn can be used for neuronal labeling and related studies

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 ℃.