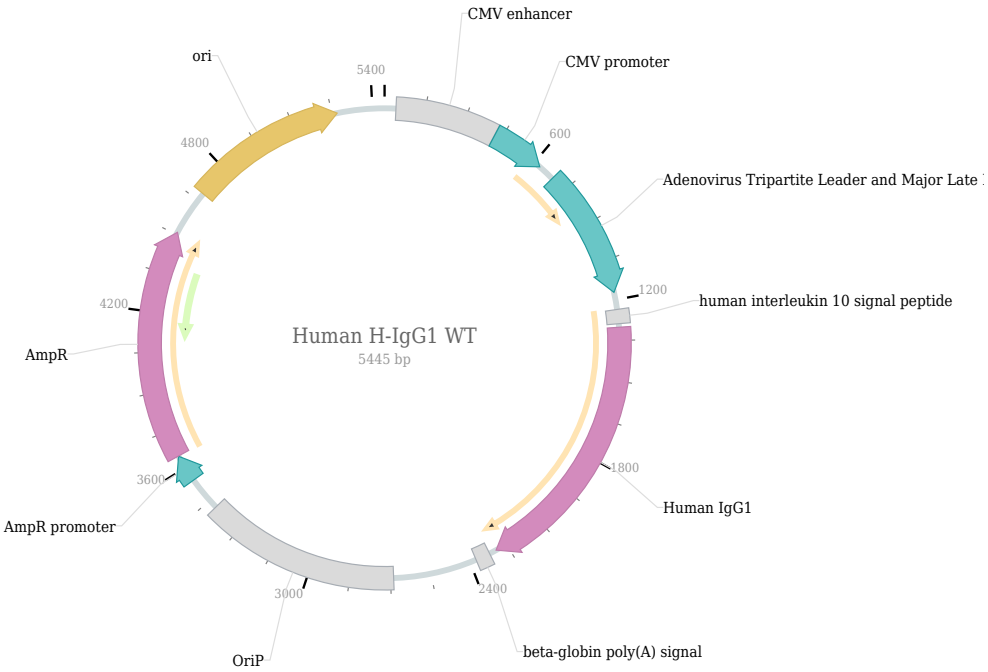
Human H-IgG1 WT

Vector ID	V018142
Antibiotic Resistance	Ampicillin
Length	5445 bp
Vector Type	Mammalian Expression Vectors

Product Information

Copy Number	High copy number
Promoter	CMV
Growth Strain(s)	DH5a
Growth Temperature	37℃
Expression Method	Transient
Comment	High-level human immunoglobulin expression in mammalian cells, especially HEK293 derivatives (like 293-6E), by leveraging the Epstein-Barr virus (EBV) origin of replication (OriP) and a strong CMV promoter.

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 ℃.