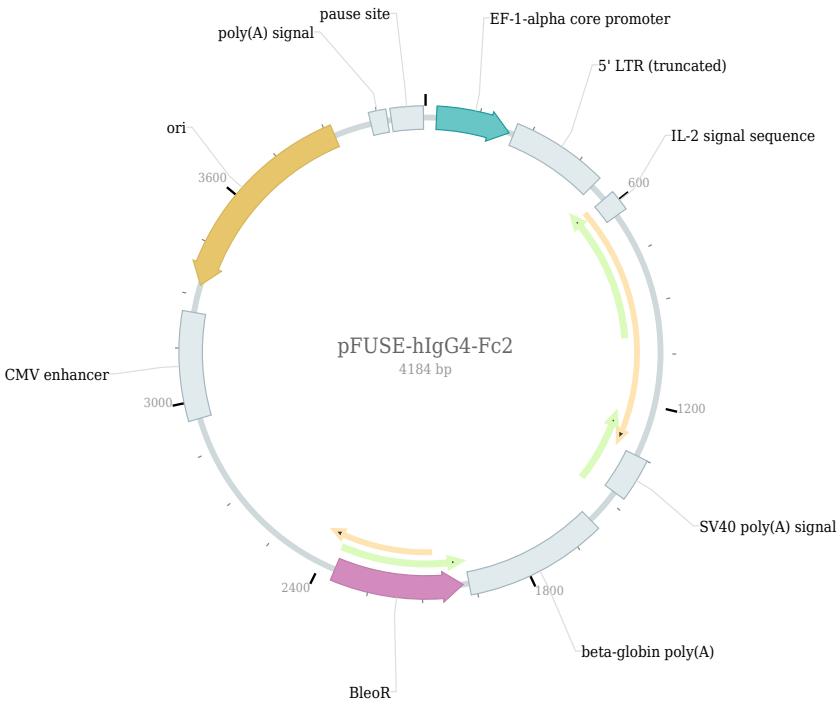
pFUSE-hIgG4-Fc2

Vector ID	V013491
Antibiotic Resistance	Zeocin
Length	4184 bp
Vector Type	Protein expression, Antibody expression
Host	Mammalian cells

Product Information

Replication Origin	ori
Selection Marker	Zeo
Promoter	EF-1α core
Growth Strain(s)	DH10B
Growth Temperature	37℃
Comment	pFUSE-hIgG4-Fc2 is a mammalian expression vector from InvivoGen's pFUSE series, purpose-built for producing Fc-fusion proteins — i.e., your protein/peptide of interest genetically fused to the Fc region of human IgG4 (hinge + CH2 + CH3 domains) so it gets secreted and gains IgG-like pharmacokinetics.

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 ℃.