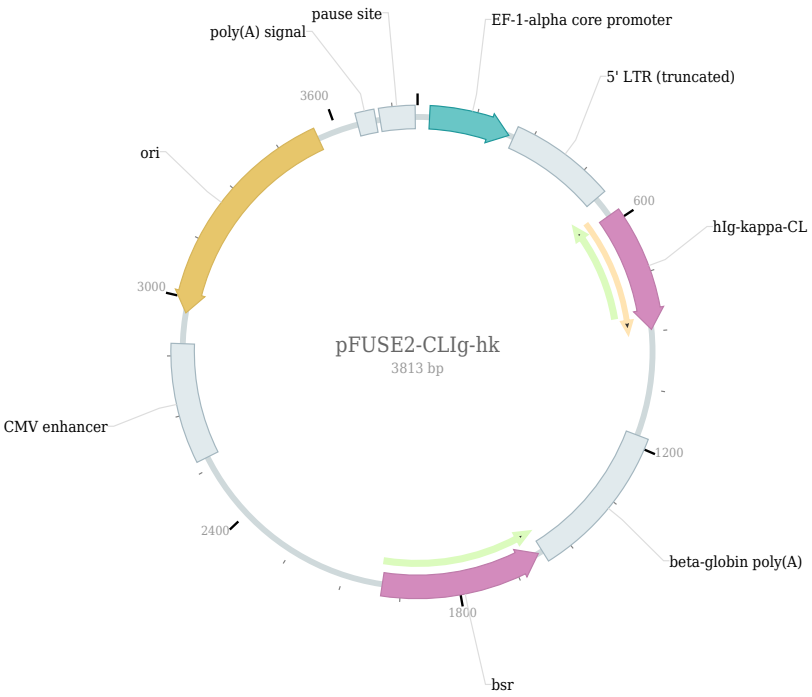
pFUSE2-CLIg-hk

Vector ID	V015196
Antibiotic Resistance	Blasticidin
Length	3813 bp
Vector Type	Protein expression, Antibody expression
Host	Mammalian cells

Product Information

Replication Origin	ori
Selection Marker	Blast
Promoter	EF-1α core
Growth Strain(s)	DH5a
Growth Temperature	37℃
Comment	pFUSE2-CLIg-hk is a mammalian expression vector. The plasmid carries the gene encoding the human immunoglobulin kappa (κ) light chain constant region (human Igκ C region) and is primarily designed for recombinant antibody light chain expression in mammalian cells. It is used in combination with other members of the pFUSE heavy chain constant region vector series (e.g., pFUSE2-CHIg-hG1) to enable expression of full-length recombinant antibodies.

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 ℃.