

Product datasheet for PS100091

pAAV-AC-RFP AAV Gene Expression Vector

Product data:

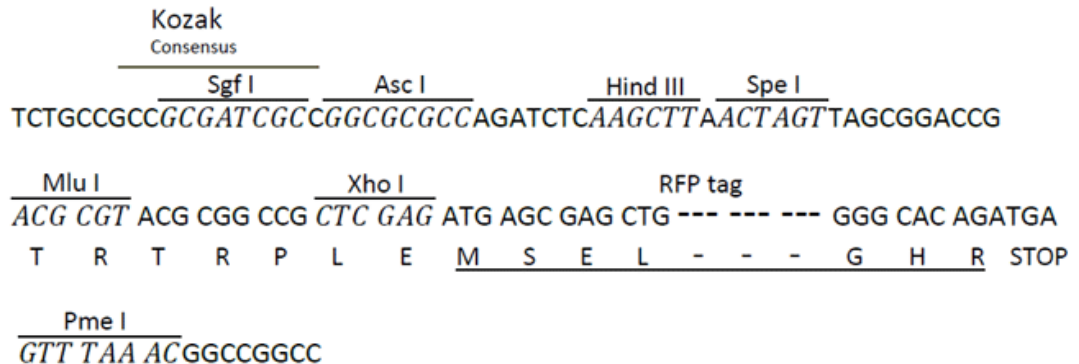
Product Type: AAV Gene Expression Vectors

C-Tag: tRFP

E. coli Selection: Ampicillin (100 ug/mL)

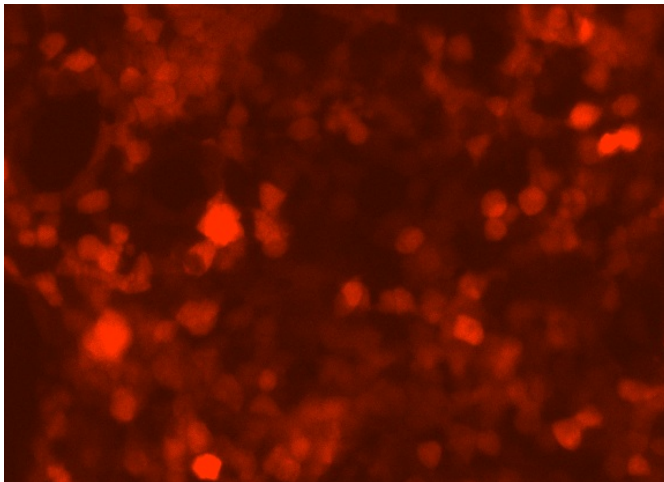
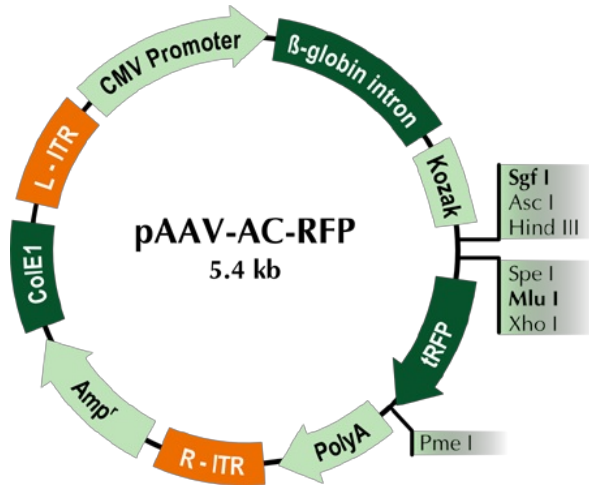
- Features:
- OriGene's TrueORF clones can be shuttled into this vector via precisionShuttle, a simple cut-and-ligation process.
 - The ORF cloned in this vector can be expressed containing c-terminal tRFP.
 - BGI_F Primer (GE100087) can be used to sequence the target sequence after cloning.
 - RFP_R Primer (GE100134) can be used to sequence the target sequence after cloning.

Schematic of the multiple cloning sites:



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Product images:



pAAV-AC-RFP was validated to produce functional AAV particles. AAV particles were purified by iodixanol gradient ultracentrifugation, then transduced HEK293 cells. Image was taken 72 hrs after infection.

Kozak
Consensus

Sgf I Asc I Hind III Spe I
 TCTGCCGCCGATCGCCGGCGCGCCAGATCTCAAGCTTAAGTAGCGGACCG

Mlu I Xho I RFP tag
 ACG CGT ACG CGG CCG CTC GAG ATG AGC GAG CTG --- --- --- GGG CAC AGATGA
 T R T R P L E M S E L - - - G H R STOP

Pme I
 GTT TAA ACGGCCGGCC