

#### OriGene Technologies, Inc.

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# Product datasheet for PS100090

#### pAAV-AC-GFP AAV Gene Expression Vector

### **Product data:**

Product Type:	AAV Gene Expression Vector	S						
C-Tag:	tGFP							
E. coli Selection:	Ampicillin							
•	OriGene's <u>TrueORF clones</u> can be shuttled into this vector via <u>PrecisionShuttle</u> , a simple cut- and-ligation process. The ORF cloned in this vector can be expressed containing c-terminal tGFP. BGI_F Primer (GE100087) can be used to sequence the target sequence after cloning. AC_GFP_R Primer (GE100113) can be used to sequence the target sequence after cloning.							
Schematic of the multiple cloning sites:	pAAV-AC-GFP Kozak Consensus Sgf 1 TCTGCCGCCGCGATCGCCGGC	Asc IHind GCGCCAGATCTCAAG						
	Mlu I Xh	o I	GFP tag	Pme I				

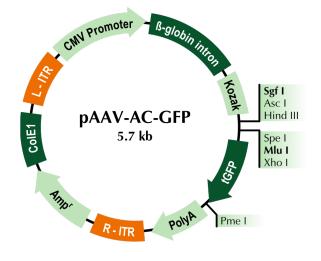
Mlul	X	ho I		GFP tag			- F	Pme I
ACG CGT ACG CO	sg ccg CTC	GAG ATG	GAG AGC	GAC	GA	A GAA AG	A $\overline{GTT}$	TAA AC
TRT	RPL	E M	E S	D	- E	E R	v	STOP

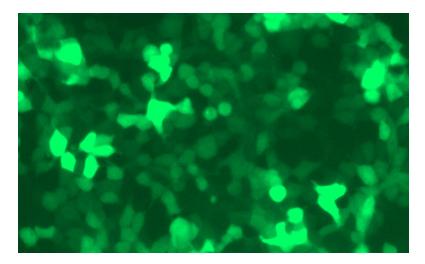
GGCCGGCC



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## **Product images:**





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

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#### pAAV-AC-GFP

TRTRPLE<u>MESD---EER</u>VSTOP

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