

## **Product datasheet for GE100048**

## pAAVS1-EF1a-BSD-DNR

## **Product data:**

**Product Type:** CRISPR Vectors

**Function:** AAVS1 donor vector

Features: • Donor vector for targeted transgene insertion into human AAVS1 site

• Contains left and right AAVS1 homologous sequences (550 bp each side)

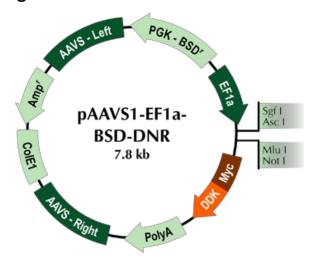
• Multiple cloning sites for transgene cloning, compatible for shuttling from the <u>TrueORF clones</u>

• The expression of the target gene will be under EF1a promoter, a constitutive promoter as an alternative of CMV promoter. the latter could be silenced in certain cellular environment

• Blasticidin mammalian selection under PGK promoter

• Targeted insertion when cotransfected with pCas-Guide-AAVS1 (SKU GE100023)

## **Product images:**





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						Kozac
						Consensus
	EcoR I	Sal I	Kpn I	RBS		Sgf I
GTCGTGAGCGGCCGC	GAATTC	GTCGACT	GGATCC <i>GGTA</i>	CCGAGGA	<i>A</i> TCTGCC	GCC <i>GCGATCGC</i>
Asc I				Mlu I	Not I	
CGGCGCGCCAGATC	TCAAGCT	TAACTAGO	CTAGCGGACCG	ACGCGT AC	GCGGCCC	CTC GAG CAG
						<u>E</u> Q
Myc-DDK tag		Pme I				
AAA GAC GA	T AAG $\overline{G7}$	TT TAA A	GGCCGGCC			
K D D	<u>K</u> \	/ stop				