

Product datasheet for GE100046

pAAVS1-EF1a-puro-DNR CRISPR Vector

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)

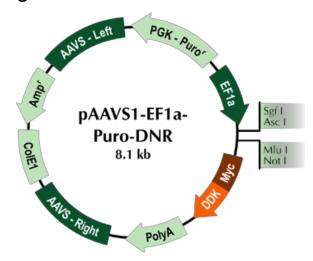
• Multiple cloning sites for transgene cloning, compatible for shuttling from the <u>TrueORF clones</u>

• 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

• Puromycin mammalian selection under PGK promoter

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

Product images:



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						KUZac	
						Consensus	_
	EcoR I	Sal I	Kpn I	RBS		Sgf I	
GTCGTGAGCGGCCG	GG <i>GAATT</i>	<i>C</i> GTCGACTGG	ATCC <i>GGTACC</i>	\overline{AGGAG}	ATCTGCC0	GCC <i>GCGATCG</i>	C
Asc I			MI	u I	Not I		
C <i>GGCGCGCC</i> AGAT	CTCAAGC	TTAACTAGCTA	$GCGGACCG\overline{ACC}$	GCGT AC	GCGGCCG	CTC GAG CAG	
						<u>E</u> Q	
Myc-DDK tag		Pme I					
AAA GAC G	SAT AAG (TT TAA ACG	GCCGGCC				
K D	D K	V stop					