

## Product datasheet for **GE100071**

### pAAVS1-EF1a-tRFP-BSD-DNR CRISPR Vector

#### Product data:

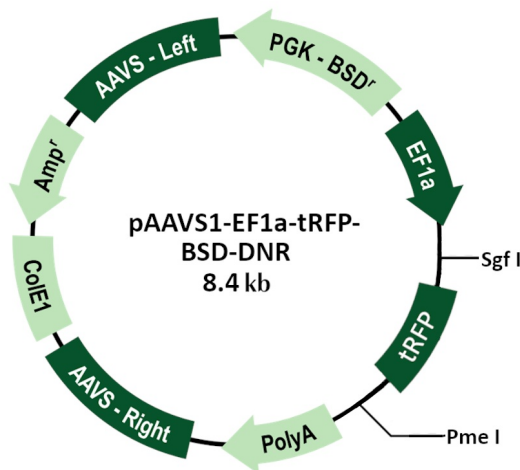
Product Type: CRISPR Vectors

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 TrueORF clones
  - 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)

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#### Product images:



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Kozac  
Consensus

EcoR I   Sal I                      Kpn I      RBS                      Sgf I

GTCGTGAGCGGCCGGGAATTCGTCGACTGGATCCGTACCGAGGAGATCTGCCGCC GCG ATC GC

tRFP tag                      Pme I

C ATG AGC GAG --- --- --- GGG CAC AGA GTTTAAACGGCCGGCC

M S E - - - G H R