

Product datasheet for GE100074

OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

pCas-Guide-GFP-CRISPRa gene activation vector

Product data:

Product Type: CRISPR Vectors

Function: All-in-one CRISPRa SAM vector

Features:

• BamH I and BsmB I can be used for genomic target sequence cloning

• gRNA under U6 promoter

• gRNA is modified with MS2 RNA aptamer in the loops

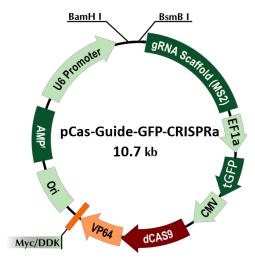
• CMV driven dCas9-VP64, which can activate gene expression

• For robust gene activation, needs to work with pCRISPRa-Enhancer (GE100056)

• CF3 primer (GE100008) can be used to sequence target sequence after cloning

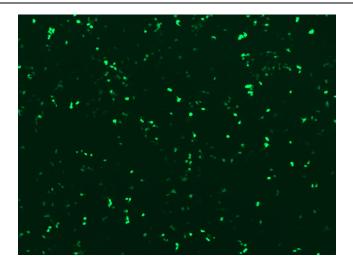
• Contains tGFP reporter gene under EF1a promoter

Product images:









Transfection of mammalian cells using the pCas-Guide-GFP-CRISPRa vector.