

Product datasheet for **KN209872**

GPR126 (ADGRG6) Human Gene Knockout Kit (CRISPR)

Product data:

Product Type: Knockout Kits (CRISPR)
Format: 2 gRNA vectors, 1 GFP-puro donor, 1 scramble control
Donor DNA: GFP-puro
Symbol: GPR126
Locus ID: 57211
Components: **KN209872G1**, GPR126 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002), Target Sequence: AATCATTCTCTTGAGGGTG
KN209872G2, GPR126 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002), Target Sequence: TGAAGGAATCCAAGCTGAA
KN209872D, donor DNA containing left and right homologous arms and GFP-puro functional cassette.

Homologous arm and GFP-puro sequences:

pUC vector backbone in gray; **Left arm sequence in blue**; **GFP-puro in green**; **Right arm in violet**

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AGAAGTAAGT TGGCCGAGT GTTATCACTC ATGGTTATGG CAGCACTGCA TAATTCTCTT ACTGTCATGC
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 TACAGGCATC GTGGTGTAC GCTCGTCGTT TGGTATGGCT TCATTCAGCT CCGGTTCCCA ACGATC

GE100003, scramble sequence in pCas-Guide vector

Disclaimer:

These products are manufactured and supplied by OriGene under license from ERS. The kit is designed based on the best knowledge of CRISPR technology. The system has been functionally validated for knocking-in the cassette downstream the native promoter. The efficiency of the knock-out varies due to the nature of the biology and the complexity of the experimental process.

RefSeq:

[NM_001032394](#), [NM_001032395](#), [NM_020455](#), [NM_198569](#)

UniProt ID:

[Q86SQ4](#)

Synonyms:

APG1; DREG; GPR126; PS1TP2; STQTL1; VIGR

Summary:

This gene, which is upregulated in human umbilical vein endothelial cells, encodes a G protein-coupled receptor. Variations in this gene can affect a person's stature. Multiple transcript variants encoding different proteins have been found for this gene. [provided by RefSeq, Mar 2009]

Product images:

