

Product datasheet for KN209872BN

OriGene Technologies, Inc.

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GPR126 (ADGRG6) Human Gene Knockout Kit (CRISPR)

Product data:

Product Type: Knockout Kits (CRISPR)

Format: 2 gRNA vectors, 1 mBFP-Neo donor, 1 scramble control

Donor DNA: mBFP-Neo Symbol: GPR126 Locus ID: 57211

Components: KN209872G1, GPR126 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)

KN209872G2, GPR126 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)

KN209872BND, donor DNA containing left and right homologous arms and mBFP-Neo

functional cassette.

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: <u>NM 001032394, NM 001032395, NM 020455, NM 198569</u>

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:

Donor Vector Edited Chromosome



RFP, Luc, and mBFP will be under native gene promoter