

## **Product datasheet for KN211205RB**

#### OriGene Technologies, Inc.

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### **GPR 174 (GPR174) Human Gene Knockout Kit (CRISPR)**

#### **Product data:**

**Product Type:** Knockout Kits (CRISPR)

**Format:** 2 gRNA vectors, 1 RFP-BSD donor, 1 scramble control

Donor DNA: RFP-BSD Symbol: GPR 174 Locus ID: 84636

**Components: KN211205G1**, GPR 174 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)

**KN211205G2**, GPR 174 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)

KN211205RBD, donor DNA containing left and right homologous arms and RFP-BSD

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: NM 032553
UniProt ID: Q9BXC1

**Synonyms:** FKSG79; GPCR17; LYPSR3

**Summary:** This gene encodes a protein belonging to the G protein-coupled receptor superfamily. These

proteins are characterized by the presence of seven alpha-helical transmembrane domains, and they activate or interact with various endogenous or exogenous ligands, including neurotransmitters, hormones, and odorant and taste substances. This family member is classified as an orphan receptor because the cognate ligand has not been identified.

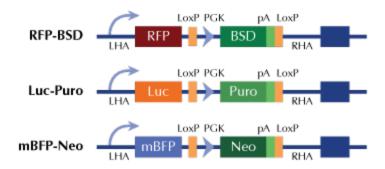
[provided by RefSeq, Sep 2011]





# **Product images:**

#### Donor Vector Edited Chromosome



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