

## Product datasheet for KN209477RB

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### **VGF 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:** 

VGF Symbol:

7425 Locus ID:

KN209477G1, VGF gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) Components:

**KN209477G2**, VGF gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)

KN209477RBD, donor DNA containing left and right homologous arms and RFP-BSD

functional cassette.

GE100003, scramble sequence in pCas-Guide vector

RefSeq: NM 003378

**UniProt ID:** 015240

Synonyms: SCG7; SgVII

**Summary:** This gene is specifically expressed in a subpopulation of neuroendocrine cells, and is

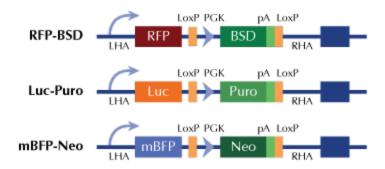
> upregulated by nerve growth factor. The structural organization of this gene is similar to that of the rat gene, and both the translated and the untranslated regions show a high degree of sequence similarity to the rat gene. The encoded secretory protein also shares similarities with the secretogranin/chromogranin family, however, its exact function is not known.

[provided by RefSeq, Jul 2008]



# **Product images:**

#### Donor Vector Edited Chromosome



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