

## Product datasheet for **KN209477RB**

### 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:	RFP-BSD
Symbol:	VGF
Locus ID:	7425
Components:	<b>KN209477G1</b> , VGF gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) <b>KN209477G2</b> , VGF gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) <b>KN209477RBD</b> , donor DNA containing left and right homologous arms and RFP-BSD functional cassette. <b>GE100003</b> , 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\\_003378](#)

**UniProt ID:** [O15240](#)

**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]



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## Product images:

