

## Product datasheet for **KN209137**

### GRK5 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:	GRK5
Locus ID:	2869
Components:	<b>KN209137G1</b> , GRK5 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002), Target Sequence: GGAAAACATCGTGGCCAACA <b>KN209137G2</b> , GRK5 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002), Target Sequence: GTCTTGCTGAAAGCCAGGGA <b>KN209137D</b> , donor DNA containing left and right homologous arms and GFP-puro 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\\_005308](#)

**UniProt ID:** [P34947](#)

**Synonyms:** GPRK5

**Summary:** This gene encodes a member of the guanine nucleotide-binding protein (G protein)-coupled receptor kinase subfamily of the Ser/Thr protein kinase family. The protein phosphorylates the activated forms of G protein-coupled receptors thus initiating their deactivation. It has also been shown to play a role in regulating the motility of polymorphonuclear leukocytes (PMNs). [provided by RefSeq, Jul 2008]



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Product images:

