

Product datasheet for KN209137LP

OriGene Technologies, Inc.

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GRK5 Human Gene Knockout Kit (CRISPR)

Product data:

Product Type: Knockout Kits (CRISPR)

Format: 2 gRNA vectors, 1 Luciferase-Puro donor, 1 scramble control

Donor DNA: Luciferase-Puro

Symbol: GRK5 Locus ID: 2869

Components: KN209137G1, GRK5 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)

KN209137G2, GRK5 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)

KN209137LPD, donor DNA containing left and right homologous arms and Luciferase-Puro

functional cassette.

GE100003, scramble sequence in pCas-Guide vector

RefSeq: <u>NM 005308</u>

UniProt ID: P34947
Synonyms: GPRK5

Summary: This gene encodes a member of the guanine nucleotide-binding protein (G protein)-coupled

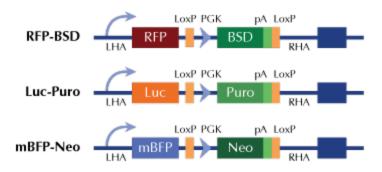
receptor kinase subfamily of the Ser/Thr protein kinase family. The protein phosphorylates the activated forms of G protein-coupled receptors thus initiating their deactivation. It has also been shown to play a role in regulating the motility of polymorphonuclear leukocytes

(PMNs). [provided by RefSeq, Jul 2008]



Product images:

Donor Vector Edited Chromosome



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