

Product datasheet for **KN209673**

GPR63 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:	GPR63
Locus ID:	81491
Components:	<p>KN209673G1, GPR63 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002), Target Sequence: TTGTGTTGGATGTCCTCGTA</p> <p>KN209673G2, GPR63 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002), Target Sequence: GTGTTGACTGCGTTCCATAC</p> <p>KN209673D, donor DNA containing left and right homologous arms and GFP-puro functional cassette.</p>

Homologous arm and GFP-puro sequences:

pUC vector backbone in gray; **Left arm sequence in blue**; **GFP-puro in green**; **Right arm in violet**

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AGAAGTAAGT TGGCCGAGT GTTATCACTC ATGGTTATGG CAGCACTGCA TAATTCTCTT ACTGTCATGC
CATCCGTAAG ATGCTTTTCT GTGACTGGTG AGTACTCAAC CAAGTCATTC TGAGAATAGT GTATGCCGGC
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CAGGCATCGT GGTGTCACGC TCGTCGTTG GTATGGCTTC ATTCAGCTCC GGTTCCTCAAC GATC

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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_001143957](#), [NM_030784](#)

UniProt ID:

[Q9BZJ6](#)

Synonyms:

PSP24(beta); PSP24B

Summary:

This gene encodes a G protein-coupled receptor. Multiple alternatively spliced variants, encoding the same protein, have been identified. [provided by RefSeq, Dec 2011]

Product images:

