

## Product datasheet for KN307327RB

# **Grik4 Mouse Gene Knockout Kit (CRISPR)**

**Product data:** 

**Product Type:** Knockout Kits (CRISPR)

Format: 2 gRNA vectors, 1 RFP-BSD donor, 1 scramble control

**Donor DNA:** Grik4 Symbol:

Locus ID: 110637

**KN307327G1**, Grik4 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) Components:

KN307327G2, Grik4 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)

KN307327RBD, donor DNA containing left and right homologous arms and RFP-BSD

functional cassette.

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 175481 **UniProt ID:** Q8BMF5

Synonyms: 6330551K01Rik; GluK4; GluRgamma1; KA-1; KA1

Summary: Receptor for glutamate. L-glutamate acts as an excitatory neurotransmitter at many synapses

> in the central nervous system. The postsynaptic actions of Glu are mediated by a variety of receptors that are named according to their selective agonists. This receptor binds kainate >

quisqualate > glutamate >> AMPA (By similarity).[UniProtKB/Swiss-Prot Function]



OriGene Technologies, Inc. 9620 Medical Center Drive, Ste 200

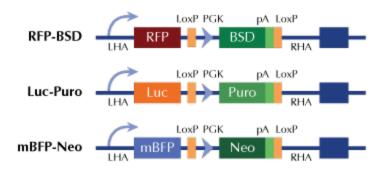
CN: techsupport@origene.cn

Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com



# **Product images:**

### Donor Vector Edited Chromosome



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