

## 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:	RFP-BSD
Symbol:	Grik4
Locus ID:	110637
Components:	<b>KN307327G1</b> , Grik4 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) <b>KN307327G2</b> , Grik4 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) <b>KN307327RBD</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:	<a href="#">NM_175481</a>
UniProt ID:	<a href="#">Q8BMF5</a>
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]



[View online »](#)

Product images:

