

### **Product datasheet for KN300919RB**

#### Floudet datasileet for kinsoos iske

# Adora2a 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-BSDSymbol:Adora2aLocus ID:11540

**Components: KN300919G1**, Adora2a gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)

KN300919G2, Adora2a gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)

 $\textbf{KN300919RBD}, \ donor\ \mathsf{DNA}\ containing\ \mathsf{left}\ and\ \mathsf{right}\ homologous\ \mathsf{arms}\ \mathsf{and}\ \mathsf{RFP\text{-}BSD}$ 

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:** <u>NM 001331095, NM 001331096, NM 009630</u>

UniProt ID: Q60613

**Synonyms:** A2AAR; A2aR; AA2AR

**Summary:** Receptor for adenosine. The activity of this receptor is mediated by G proteins which activate

adenylyl cyclase.[UniProtKB/Swiss-Prot Function]



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# **Product images:**

#### Donor Vector Edited Chromosome



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