

## Product datasheet for KN302378RB

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## **C3ar1 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: C3ar1 Locus ID: 12267

**Components:** KN302378G1, C3ar1 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)

KN302378G2, C3ar1 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)

KN302378RBD, 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:** <u>NM 009779</u>

UniProt ID: <u>009047</u>

Synonyms: AZ3B; C3AR; HNFAG09

**Summary:** Receptor for the chemotactic and inflammatory peptide anaphylatoxin C3a. This receptor

stimulates chemotaxis, granule enzyme release and superoxide anion production.

[UniProtKB/Swiss-Prot Function]





# **Product images:**

#### Donor Vector Edited Chromosome



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