

## Product datasheet for **KN302383LP**

### C5ar1 Mouse Gene Knockout Kit (CRISPR)

#### Product data:

Product Type:	Knockout Kits (CRISPR)
Format:	2 gRNA vectors, 1 Luciferase-Puro donor, 1 scramble control
Donor DNA:	Luciferase-Puro
Symbol:	C5ar1
Locus ID:	12273
Components:	<b>KN302383G1</b> , C5ar1 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) <b>KN302383G2</b> , C5ar1 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) <b>KN302383LPD</b> , donor DNA containing left and right homologous arms and Luciferase-Puro 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_001173550</a> , <a href="#">NM_007577</a>
UniProt ID:	<a href="#">P30993</a>
Synonyms:	C5aR; C5r1; Cd88; D7Msu1
Summary:	Receptor for the chemotactic and inflammatory peptide anaphylatoxin C5a. The ligand interacts with at least two sites on the receptor: a high-affinity site on the extracellular N-terminus, and a second site in the transmembrane region which activates downstream signaling events. Receptor activation stimulates chemotaxis, granule enzyme release, intracellular calcium release and superoxide anion production.[UniProtKB/Swiss-Prot Function]



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## Product images:

