

Product datasheet for KN204664LP

RAGE (AGER) Human 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 RAGE Symbol: 177 Locus ID: **KN204664G1**, RAGE gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) **Components:** KN204664G2, RAGE gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) KN204664LPD, donor DNA containing left and right homologous arms and Luciferase-Puro 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 001136, NM 001206929, NM 001206932, NM 001206934, NM 001206936, NM 001206940, NM 001206954, NM 001206966, NM 172197, NR 038190 **UniProt ID:** Q15109 RAGE Synonyms: Summary: The advanced glycosylation end product (AGE) receptor encoded by this gene is a member of the immunoglobulin superfamily of cell surface receptors. It is a multiligand receptor, and besides AGE, interacts with other molecules implicated in homeostasis, development, and inflammation, and certain diseases, such as diabetes and Alzheimer's disease. Many alternatively spliced transcript variants encoding different isoforms, as well as non-proteincoding variants, have been described for this gene (PMID:18089847). [provided by RefSeq, May 2011]

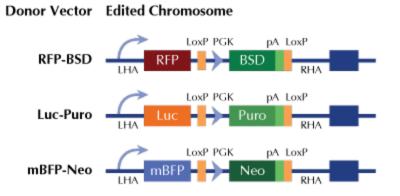


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OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

Product images:



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

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