

Product datasheet for KN204664RB

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RAGE (AGER) Human 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: RAGE
Locus ID: 177

Components: KN204664G1, RAGE gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)

KN204664G2, RAGE gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)

KN204664RBD, donor DNA containing left and right homologous arms and RFP-BSD

functional cassette.

GE100003, scramble sequence in pCas-Guide vector

RefSeq: NM 001136, NM 001206929, NM 001206932, NM 001206934, NM 001206936,

NM 001206940, NM 001206954, NM 001206966, NM 172197, NR 038190

UniProt ID: Q15109
Synonyms: RAGE

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-protein-coding variants, have been described for this gene (PMID:18089847). [provided by RefSeq,

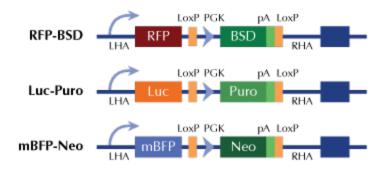
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Product images:

Donor Vector Edited Chromosome



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