

Product datasheet for **KN204664RB**

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
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
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, May 2011]



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Product images:

