

Product datasheet for **RC204664L4V**

RAGE (AGER) (NM_001136) Human Tagged ORF Clone Lentiviral Particle

Product data:

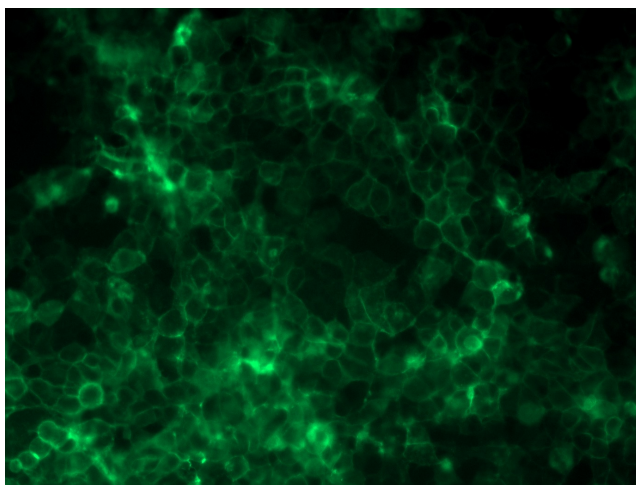
Product Type:	Lentiviral Particles
Product Name:	RAGE (AGER) (NM_001136) Human Tagged ORF Clone Lentiviral Particle
Symbol:	RAGE
Synonyms:	RAGE; SCARJ1; sRAGE
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001136
ORF Size:	1212 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC204664).
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	NM_001136.3
RefSeq Size:	1508 bp
RefSeq ORF:	1215 bp
Locus ID:	177
UniProt ID:	Q15109
Cytogenetics:	6p21.32
Protein Families:	Druggable Genome, Secreted Protein, Transmembrane
MW:	42.8 kDa



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Gene 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]

Product images:

[RC204664L4] was used to prepare Lentiviral particles using [TR30037] packaging kit. HEK293T cells were transduced with RC204664L4V particle to overexpress human AGER-mGFP fusion protein.