

## Product datasheet for RC220417L4V

## OriGene Technologies, Inc.

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## RAGE (AGER) (NM\_172197) Human Tagged ORF Clone Lentiviral Particle

**Product data:** 

**Product Type:** Lentiviral Particles

**Product Name:** RAGE (AGER) (NM\_172197) 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\_172197 **ORF Size:** 1026 bp

**ORF Nucleotide** 

The ORF insert of this clone is exactly the same as(RC220417).

Sequence:

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.

**RefSeg:** NM 172197.2, NP 751947.1

RefSeq Size:1259 bpRefSeq ORF:1029 bp

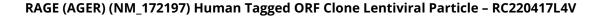
Locus ID: 177

UniProt ID: Q15109
Cytogenetics: 6p21.32

**Protein Families:** Druggable Genome, Secreted Protein, Transmembrane

**MW:** 34 kDa







## **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]